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**Level 6 – 24th June, 2019**

## **Zero-carbon power bigger than fossil fuels in UK**

**FREE online quizzes, mp3 listening and more for this lesson here:**

<https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

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**Please try Levels 4 and 5 (they are easier).**

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# THE ARTICLE

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

The United Kingdom has said it is playing its part in striving for a cleaner and greener planet. For the first time since the Industrial Revolution in the 18th and 19th centuries, the UK is being powered more by zero-carbon fuels than fossil fuels. In each of the first five months of 2019, fossil fuels have produced less than half of the UK's electricity. Analysts say a "tipping point" has been reached and the trend of zero-carbon energy sources providing more power than fossil fuels will continue. Power from wind, solar, nuclear and hydro sources outstripped coal and gas-fired generation. A decade ago, three quarters (75.6 per cent) of the UK's electricity came from coal and gas, and only 22.3 per cent was zero carbon.

The switch to more zero-carbon power was described by the UK's energy chief executive as a "key milestone on the journey towards net zero". CEO John Pettigrew said the zero-carbon share should increase to 90 per cent by the 2030s. The UK's Prime Minister Theresa May has made a commitment to reach net zero carbon emissions by 2050. This would make the UK the first major economy to do so. Energy analyst Tom Burke told the BBC: "Today's landmark is a real tribute to technologists. We have cracked technical problems of dealing with climate change." He added: "As we move towards net zero, jobs will be lost in fossil fuel industries and created in low-carbon industries."

Sources: <https://metro.co.uk/2019/06/21/2019-first-year-zero-carbon-outstrips-fossil-fuels-10023149/?ito=cbshare>  
<https://www.bbc.com/news/science-environment-48711649>  
<https://www.iflscience.com/environment/britain-now-generates-more-power-zero-carbon-sources-fossil-fuels/>

# WARM-UPS

**1. ZERO-CARBON FUELS:** Students walk around the class and talk to other students about zero-carbon fuels. Change partners often and share your findings.

**2. CHAT:** In pairs / groups, talk about these topics or words from the article. What will the article say about them? What can you say about these words and your life?

planet / the first time / Industrial Revolution / zero carbon / fossil fuels / coal / zero / switch / chief executive / journey / commitment / economy / tribute / climate change

Have a chat about the topics you liked. Change topics and partners frequently.

**3. NET ZERO:** Students A **strongly** believe the whole world will be net zero one day; Students B **strongly** believe it won't. Change partners again and talk about your conversations.

**4. RENEWABLES:** What do you know about these renewables? What are the good and bad things about them? Complete this table with your partner(s). Change partners often and share what you wrote.

	What You Know	Good Things	Bad Things
Solar			
Wind			
Nuclear			
Hydro			
Biomass			
Tidal			

**5. GREEN:** Spend one minute writing down all of the different words you associate with the word "green". Share your words with your partner(s) and talk about them. Together, put the words into different categories.

**6. CLIMATE CHANGE:** Rank these with your partner. Put the best things to help to address climate change at the top. Change partners often and share your rankings.

- eat less meat
- recycle
- no bottled water
- use solar panels
- walk everywhere
- use less air-con
- use public transport
- plant trees

# VOCABULARY MATCHING

## Paragraph 1

- |                  |   |
|------------------|---|
| 1. striving      | a. A period of one hundred years.   |
| 2. century       | b. The time or place at which a series of small changes or incidents becomes significant enough to cause a larger, more important change. |
| 3. analysts      | c. A single stage in the development of a type of product.  |
| 4. tipping point | d. A person who examines events, facts and figures, typically as a basis for discussion or interpretation.                                |
| 5. trend         | e. Relating to water.   |
| 6. hydro         | f. Making great efforts to achieve or obtain something.   |
| 7. generation    | g. A general direction in which something is developing or changing.  |

## Paragraph 2

- |                |  |
|----------------|--|
| 8. switch      | h. An action or event marking a significant change or stage in development.                          |
| 9. milestone   | i. A long and often difficult process of personal change and development.                            |
| 10. journey    | j. An amount, value, or price remaining after a deduction, such as tax or a discount, has been made. |
| 11. commitment | k. An act, statement, or gift that is intended to show gratitude, respect, or admiration.            |
| 12. tribute    | l. A promise to do something.  |
| 13. cracked    | m. An act of choosing one thing or way of life, or choosing one type of item, in place of another.   |
| 14. net        | n. Found a solution to a problem.  |

# BEFORE READING / LISTENING

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

**1. TRUE / FALSE:** Read the headline. Guess if a-h below are true (T) or false (F).

- a. The UK used less coal for the first time since the Industrial Revolution. **T / F**
- b. The UK used fewer fossil fuels than renewables for five months in a row. **T / F**
- c. Analysts say the UK has reached a tipping point regarding fuel use. **T / F**
- d. Nearly a quarter of the UK's power was zero carbon a decade ago. **T / F**
- e. An energy executive said net zero was a millstone for the UK. **T / F**
- f. An energy executive says the UK will be 90% zero carbon by the 2030s. **T / F**
- g. An analyst said the UK has problems with cracks in its technology. **T / F**
- h. The analyst said there would be fewer jobs in low-carbon industries. **T / F**

## 2. SYNONYM MATCH:

Match the following synonyms. The words in **bold** are from the news article.

- |                       |                        |
|-----------------------|------------------------|
| 1. <b>part</b>        | a. exceeded            |
| 2. <b>striving</b>    | b. tendency            |
| 3. <b>produced</b>    | c. in the direction of |
| 4. <b>trend</b>       | d. landmark            |
| 5. <b>outstripped</b> | e. created             |
| 6. <b>switch</b>      | f. testimony           |
| 7. <b>milestone</b>   | g. attempting          |
| 8. <b>tribute</b>     | h. solved              |
| 9. <b>cracked</b>     | i. role                |
| 10. <b>towards</b>    | j. change              |

**3. PHRASE MATCH:** (Sometimes more than one choice is possible.)

- |                                      |                               |
|--------------------------------------|-------------------------------|
| 1. striving for a                    | a. of zero-carbon energy      |
| 2. For the first time since          | b. emissions by 2050          |
| 3. In each of the first five         | c. ago                        |
| 4. the trend                         | d. do so                      |
| 5. A decade                          | e. the Industrial Revolution  |
| 6. a key milestone on the journey    | f. industries                 |
| 7. reach net zero carbon             | g. cleaner and greener planet |
| 8. the first major economy to        | h. to technologists           |
| 9. a real tribute                    | i. months of 2019             |
| 10. jobs will be lost in fossil fuel | j. towards net zero           |

# GAP FILL

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

The United Kingdom has said it is playing its part in (1) \_\_\_\_\_ for a cleaner and greener planet. For the first time since the Industrial Revolution in the 18th and 19th (2) \_\_\_\_\_, the UK is being powered more by zero-carbon fuels than fossil fuels. In (3) \_\_\_\_\_ of the first five months of 2019, fossil fuels have produced less than half of the UK's electricity. Analysts say a "(4) \_\_\_\_\_ point" has been reached and the (5) \_\_\_\_\_ of zero-carbon energy sources (6) \_\_\_\_\_ more power than fossil fuels will continue. Power from wind, solar, nuclear and hydro sources (7) \_\_\_\_\_ coal and gas-fired (8) \_\_\_\_\_. A decade ago, three quarters (75.6 per cent) of the UK's electricity came from coal and gas, and only 22.3 per cent was zero carbon.

*providing*  
*each*  
*centuries*  
*generation*  
*outstripped*  
*tipping*  
*striving*  
*trend*

The switch to more zero-carbon power was described by the UK's energy chief executive as a "key (9) \_\_\_\_\_ on the journey towards net zero". CEO John Pettigrew said the zero-carbon (10) \_\_\_\_\_ should increase to 90 per cent by the 2030s. The UK's Prime Minister Theresa May has made a (11) \_\_\_\_\_ to reach net zero carbon (12) \_\_\_\_\_ by 2050. This would make the UK the first (13) \_\_\_\_\_ economy to do so. Energy analyst Tom Burke told the BBC: "Today's landmark is a real (14) \_\_\_\_\_ to technologists. We have cracked technical problems of (15) \_\_\_\_\_ with climate change." He added: "As we move towards net zero, jobs will be lost in fossil fuel industries and (16) \_\_\_\_\_ in low-carbon industries."

*emissions*  
*created*  
*major*  
*share*  
*dealing*  
*milestone*  
*tribute*  
*commitment*

# LISTENING – Guess the answers. Listen to check.

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

- 1) it is playing its part in striving for a cleaner and \_\_\_\_\_
  - a. greener plant
  - b. greener plan it
  - c. greener planetary
  - d. greener planet
- 2) the first time since the Industrial Revolution in the 18th and \_\_\_\_\_
  - a. 19th century
  - b. 19th centurions
  - c. 19th centuries
  - d. 19th cent unary
- 3) In each of the first five months of 2019, fossil fuels have produced \_\_\_\_\_
  - a. less than half
  - b. less than halve
  - c. less than halved
  - d. less than have
- 4) Analysts say a tipping point" has been reached and \_\_\_\_\_...
  - a. the trends of
  - b. the trend of
  - c. the trendy of
  - d. the trending of
- 5) wind, solar, nuclear and hydro sources outstripped coal and \_\_\_\_\_
  - a. gas-fired generation
  - b. gas-fined generation
  - c. gassed-fired generation
  - d. gassy-fined generation
- 6) The switch to more zero-carbon power was described by the UK's energy \_\_\_\_\_
  - a. chieftdom executive
  - b. chieftain executive
  - c. chiefly executive
  - d. chief executive
- 7) Theresa May has made a commitment to reach net zero \_\_\_\_\_
  - a. carbon emissaries
  - b. carbon emissions
  - c. carbon emits shuns
  - d. carbon omissions
- 8) This would make the UK the first major economy \_\_\_\_\_
  - a. to do some
  - b. to do sow
  - c. to do so
  - d. to does it
- 9) a real tribute to technologists. We have cracked \_\_\_\_\_
  - a. technique problems
  - b. technical problem
  - c. technically problem
  - d. technically problems
- 10) As we move towards net zero, jobs will be lost in fossil \_\_\_\_\_
  - a. feel industries
  - b. fewer industries
  - c. few all industries
  - d. fuel industries

# LISTENING – Listen and fill in the gaps

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

The United Kingdom has said it is (1) \_\_\_\_\_ in striving for a cleaner and greener planet. For the first time since the Industrial Revolution in the 18th and 19th centuries, the UK is (2) \_\_\_\_\_ by zero-carbon fuels than fossil fuels. In each of the first five months of 2019, fossil fuels have (3) \_\_\_\_\_ half of the UK's electricity. Analysts say a "tipping point" has been reached and the trend of zero-carbon energy sources providing more power than (4) \_\_\_\_\_ continue. Power from wind, solar, nuclear and hydro sources outstripped coal and gas-fired generation. (5) \_\_\_\_\_, three quarters (75.6 per cent) of the UK's electricity came from (6) \_\_\_\_\_, and only 22.3 per cent was zero carbon.

The (7) \_\_\_\_\_ zero-carbon power was described by the UK's energy chief executive as a "key milestone on the journey towards net zero". CEO John Pettigrew said the zero-carbon (8) \_\_\_\_\_ to 90 per cent by the 2030s. The UK's Prime Minister Theresa May has made a commitment to (9) \_\_\_\_\_ carbon emissions by 2050. This would make the UK the first major economy to do so. Energy analyst Tom Burke told the BBC: "Today's landmark is (10) \_\_\_\_\_ to technologists. We have (11) \_\_\_\_\_ of dealing with climate change." He added: "As we move towards net zero, jobs (12) \_\_\_\_\_ in fossil fuel industries and created in low-carbon industries."



# COMPREHENSION QUESTIONS

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

1. What did the article say the UK is striving for?
2. When did the UK last use more carbon zero fuels than fossil fuels?
3. What kind of point did analysts say the UK has reached?
4. What did analysts say would happen to the zero-carbon trend in the UK?
5. How much of the UK's electricity came from coal and gas a decade ago?
6. What did a chief executive call the switch to more zero-carbon power?
7. When will the UK's zero-carbon share increase to 90% in the UK?
8. When did the UK's leader say the UK would be carbon net zero?
9. What problems did an analyst say technologists had cracked?
10. Where will jobs be created in the UK?

# MULTIPLE CHOICE - QUIZ

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

- 1) What did the article say the UK is striving for?
  - a) to be the world leader in green technology
  - b) driverless cars
  - c) a cleaner, greener planet
  - d) no smoke across Britain
- 2) When did the UK last use more carbon zero fuels than fossil fuels?
  - a) the nineteenth century
  - b) 1932
  - c) 1391
  - d) the fourteenth century
- 3) What kind of point did analysts say the UK has reached?
  - a) an important point
  - b) a tipping point
  - c) a great point
  - d) a strong point
- 4) What did analysts say would happen to the zero-carbon trend in the UK?
  - a) it would stall
  - b) it would stop
  - c) it would reverse
  - d) it would continue
- 5) How much of the UK's electricity came from coal and gas a decade ago?
  - a) 60%
  - b) three fifths
  - c) three quarters
  - d) two thirds
- 6) What did a chief executive call the switch to more zero-carbon power?
  - a) marvellous
  - b) a "key milestone"
  - c) a "significant landmark"
  - d) a "thing of beauty"
- 7) When will the UK's zero-carbon share increase to 90% in the UK?
  - a) by 2020
  - b) 2025
  - c) 2030
  - d) by the 2030s
- 8) When did the UK's leader say the UK would be carbon net zero?
  - a) by 2100
  - b) by 2050
  - c) by 2030
  - d) by 2020
- 9) What problems did an analyst say technologists had cracked?
  - a) climate protestor problems
  - b) climate change problems
  - c) pollution problems
  - d) nuclear reactor problems
- 10) Where will jobs be created in the UK?
  - a) low-carbon industries
  - b) London
  - c) on wind farms
  - d) coastal areas

# ROLE PLAY

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

## **Role A – Plant Trees**

You think planting trees is the best way to help the planet. Tell the others three reasons why. Tell them what is wrong with their ways. Also, tell the others which is the least effective of these (and why): eating less meat, using public transport or recycling.

## **Role B – Eat Less Meat**

You think eating less meat is the best way to help the planet. Tell the others three reasons why. Tell them what is wrong with their ways. Also, tell the others which is the least effective of these (and why): planting trees, using public transport or recycling.

## **Role C – Use Public Transport**

You think using public transport is the best way to help the planet. Tell the others three reasons why. Tell them what is wrong with their ways. Also, tell the others which is the least effective of these (and why): eating less meat, planting trees or recycling.

## **Role D – Recycle**

You think recycling is the best way to help the planet. Tell the others three reasons why. Tell them what is wrong with their ways. Also, tell the others which is the least effective of these (and why): eating less meat, using public transport or planting trees.

# AFTER READING / LISTENING

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

**1. WORD SEARCH:** Look in your dictionary / computer to find collocates, other meanings, information, synonyms ... for the words 'zero' and 'carbon'.

zero	carbon

- Share your findings with your partners.
- Make questions using the words you found.
- Ask your partner / group your questions.

**2. ARTICLE QUESTIONS:** Look back at the article and write down some questions you would like to ask the class about the text.

- Share your questions with other classmates / groups.
- Ask your partner / group your questions.

**3. GAP FILL:** In pairs / groups, compare your answers to this exercise. Check your answers. Talk about the words from the activity. Were they new, interesting, worth learning...?

**4. VOCABULARY:** Circle any words you do not understand. In groups, pool unknown words and use dictionaries to find their meanings.

**5. TEST EACH OTHER:** Look at the words below. With your partner, try to recall how they were used in the text:

<ul style="list-style-type: none"><li>• part</li><li>• since</li><li>• each</li><li>• trend</li><li>• hydro</li><li>• ago</li></ul>	<ul style="list-style-type: none"><li>• chief</li><li>• share</li><li>• reach</li><li>• major</li><li>• real</li><li>• lost</li></ul>
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# ZERO-CARBON FUELS SURVEY

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

Write five GOOD questions about zero-carbon fuels in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

# ZERO-CARBON FUELS DISCUSSION

STUDENT A's QUESTIONS (Do not show these to student B)

1. What did you think when you read the headline?
2. What images are in your mind when you hear the word 'fossil fuel'?
3. What do you think of fossil fuels?
4. How important are fossil fuels?
5. How did the Industrial Revolution change the world?
6. What is your country doing to move towards a greener planet?
7. When will your country use mainly zero-carbon energies?
8. How green is your lifestyle?
9. What is the best form of renewable energy?
10. Does the world have time to move to zero-carbon energies?

*Zero-carbon fuels bigger than fossil fuels in UK – 24th June, 2019*  
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# ZERO-CARBON FUELS DISCUSSION

STUDENT B's QUESTIONS (Do not show these to student A)

11. Did you like reading this article? Why/not?
12. What do you think of when you hear the word 'zero'?
13. What do you think about what you read?
14. What key milestones has your country reached regarding energy?
15. How should we change our lives to be greener?
16. What damage do fossil fuels do?
17. What technical problems are there in dealing with climate change?
18. Can coal miners and oil workers find jobs in low-carbon industries?
19. What will the environment be like in the year 2119?
20. What questions would you like to ask the energy chief?

# DISCUSSION (Write your own questions)

STUDENT A's QUESTIONS (Do not show these to student B)

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_

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# DISCUSSION (Write your own questions)

STUDENT B's QUESTIONS (Do not show these to student A)

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_
- 5. \_\_\_\_\_
- 6. \_\_\_\_\_

# LANGUAGE - CLOZE

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

The United Kingdom has said it is (1) \_\_\_\_\_ its part in striving for a cleaner and greener planet. For the first time since the Industrial Revolution in the 18th and 19th centuries, the UK is being (2) \_\_\_\_\_ more by zero-carbon fuels than fossil fuels. In (3) \_\_\_\_\_ of the first five months of 2019, fossil fuels have produced less than half of the UK's electricity. Analysts say a "(4) \_\_\_\_\_ point" has been reached and the trend of zero-carbon energy sources providing more power than fossil fuels will continue. Power from wind, solar, nuclear and (5) \_\_\_\_\_ sources outstripped coal and gas-fired generation. A decade ago, three (6) \_\_\_\_\_ (75.6 per cent) of the UK's electricity came from coal and gas, and only 22.3 per cent was zero carbon.

The (7) \_\_\_\_\_ to more zero-carbon power was described by the UK's energy chief executive as a "key milestone on the (8) \_\_\_\_\_ towards net zero". CEO John Pettigrew said the zero-carbon share should increase to 90 per cent by the 2030s. The UK's Prime Minister Theresa May has made a (9) \_\_\_\_\_ to reach net zero carbon emissions by 2050. This would make the UK the first major economy to do (10) \_\_\_\_\_. Energy analyst Tom Burke told the BBC: "Today's landmark is a real tribute to technologists. We have cracked technical problems of (11) \_\_\_\_\_ with climate change." He added: "As we move towards net zero, jobs will be (12) \_\_\_\_\_ in fossil fuel industries and created in low-carbon industries."

## Put the correct words from the table below in the above article.

- |     |                |                 |                 |                |
|-----|----------------|-----------------|-----------------|----------------|
| 1.  | (a) competing  | (b) enjoying    | (c) playing     | (d) performing |
| 2.  | (a) powered    | (b) powdered    | (c) plowed      | (d) powwows    |
| 3.  | (a) each       | (b) every       | (c) all         | (d) whole      |
| 4.  | (a) tipping    | (b) tripping    | (c) stripping   | (d) striping   |
| 5.  | (a) hydrant    | (b) hydrate     | (c) hydra       | (d) hydro      |
| 6.  | (a) quartiles  | (b) quarterlies | (c) quarter     | (d) quarters   |
| 7.  | (a) switch     | (b) stitch      | (c) snitch      | (d) satchel    |
| 8.  | (a) expedition | (b) trip        | (c) vacation    | (d) journey    |
| 9.  | (a) commitment | (b) concomitant | (c) commandment | (d) committee  |
| 10. | (a) then       | (b) so          | (c) them        | (d) by         |
| 11. | (a) healing    | (b) dealing     | (c) peeling     | (d) sealing    |
| 12. | (a) lost       | (b) agog        | (c) aghast      | (d) mislaid    |



# SPELLING

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

## Paragraph 1

1. itsvnrig for a cleaner and greener planet
2. the nlstaIrudi Revolution
3. a "ptgipin point" has been reached
4. the trend of zero-carbon energy cosesru
5. outstripped coal and gas-fired eaintgeorn
6. A edeacd ago

## Paragraph 2

7. the UK's energy chief xecvituee
8. Theresa May has made a momnceitmt
9. net zero carbon emoinsiss
10. a real bturiet to technologists
11. technical problems of eagdnli with climate change
12. created in low-carbon isrnstiedu

# PUT THE TEXT BACK TOGETHER

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

**Number these lines in the correct order.**

- ( ) sources providing more power than fossil fuels will continue. Power from wind, solar, nuclear and
- ( ) journey towards net zero". CEO John Pettigrew said the zero-carbon share should increase to 90 per cent
- ( ) than fossil fuels. In each of the first five months of 2019, fossil fuels have produced less than half
- ( ) Industrial Revolution in the 18th and 19th centuries, the UK is being powered more by zero-carbon fuels
- ( ) by the 2030s. The UK's Prime Minister Theresa May has made a commitment to
- ( ) analyst Tom Burke told the BBC: "Today's landmark is a real tribute to technologists. We have cracked
- ( ) technical problems of dealing with climate change." He added: "As we move towards net zero,
- ( ) reach net zero carbon emissions by 2050. This would make the UK the first major economy to do so. Energy
- ( ) hydro sources outstripped coal and gas-fired generation. A decade ago, three quarters (75.6 per cent)
- ( ) of the UK's electricity. Analysts say a "tipping point" has been reached and the trend of zero-carbon energy
- ( **1** ) The United Kingdom has said it is playing its part in striving for a cleaner and greener planet. For the first time since the
- ( ) jobs will be lost in fossil fuel industries and created in low-carbon industries."
- ( ) of the UK's electricity came from coal and gas, and only 22.3 per cent was zero carbon.
- ( ) The switch to more zero-carbon power was described by the UK's energy chief executive as a "key milestone on the

# PUT THE WORDS IN THE RIGHT ORDER

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

1. the the Industrial since Revolution . first For time
2. by The zero-carbon is powered more UK fuels .
3. of In five 2019 . of each the months
4. reached . has point a been Analysts say tipping
5. sources generation . gas-fired coal outstripped and Hydro
6. key milestone on journey A towards net-zero . the
7. do first economy The major so . to
8. is landmark Today's to real technologists . a tribute
9. technical with of dealing problems climate The change .
10. be will industries . fuel fossil in Jobs lost

# CIRCLE THE CORRECT WORD (20 PAIRS)

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

The United Kingdom has said it is *praying / playing* its part in striving for a cleaner and greener *planet / plant*. For the first time since the Industrial Revolution in the 18th and 19th centuries, the UK is being *powdered / powered* more by zero-carbon fuels than fossil fuels. In *each / every* of the first five months of 2019, fossil fuels have produced *fewer / less* than half of the UK's electricity. Analysts say a "tipping point" has been *reaching / reached* and the trend of zero-carbon energy sources *provision / providing* more power than fossil fuels will continue. Power from wind, solar, nuclear and hydro *sauses / sources* outstripped coal and gas-fired *generation / generational*. A decade ago, three quarters (75.6 per cent) of the UK's electricity came from coal and *gaseous / gas*, and only 22.3 per cent was zero carbon.

The *switch / stitch* to more zero-carbon power was *description / described* by the UK's energy chief executive as a "key *milestone / keystone* on the journey towards net zero". CEO John Pettigrew said the zero-carbon *proportional / share* should increase to 90 per cent by the 2030s. The UK's Prime Minister Theresa May has made a *commitment / concomitant* to reach net zero carbon emissions by 2050. This would make the UK the first major economy to *doing / do* so. Energy analyst Tom Burke told the BBC: "Today's landmark is a real *attribute / tribute* to technologists. We have cracked technical problems of *dealing / dealt* with climate change." He added: "As we *shake / move* towards net zero, jobs will be *losing / lost* in fossil fuel industries and created in low-carbon industries."

**Talk about the connection between each pair of words in italics, and why the correct word is correct.**

# INSERT THE VOWELS (a, e, i, o, u)

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

The United Kingdom has started to play a part in storing for clean and green power plants. For the first time since the Industrial Revolution in the 18th and 19th centuries, the UK is being powered more by zero-carbon fuels than fossil fuels. In the first few months of 2019, fossil fuels have provided less than half of the UK's electricity. Analysts say "topping point" has been reached and the trend of zero-carbon energy sources providing more power than fossil fuels will continue. Power from wind, solar, nuclear and hydro sources is tripling and gas-fired generation is declining, though gas (75.6 per cent) of the UK's electricity comes from coal and gas, and only 22.3 per cent was zero-carbon.

The switch to more zero-carbon power was described by the UK's energy chief as "key milestone in the journey towards net zero". CEO John Pettigrew said the zero-carbon share should increase to 90 per cent by the 2030s. The UK's Prime Minister Theresa May has committed to reach net zero-carbon emissions by 2050. The world mark the UK the first major economy to do so. Energy analyst Tom Brink told the BBC: "Today's landmark is a real breakthrough in technology. We've cracked the technical problems of doing with climate change." He added: "As we move towards net zero, jobs will be lost in fossil fuels and industries and created in low-carbon industries."

# PUNCTUATE THE TEXT AND ADD CAPITALS

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

the united kingdom has said it is playing its part in striving for a cleaner and greener planet. for the first time since the industrial revolution in the 18th and 19th centuries, the uk is being powered more by zero-carbon fuels than fossil fuels. in each of the first five months of 2019, fossil fuels have produced less than half of the uk's electricity. analysts say a "tipping point" has been reached and the trend of zero-carbon energy sources providing more power than fossil fuels will continue. power from wind, solar, nuclear and hydro sources outstripped coal and gas-fired generation. a decade ago, three quarters (75.6 per cent) of the uk's electricity came from coal and gas, and only 22.3 per cent was zero carbon.

the switch to more zero-carbon power was described by the uk's energy chief executive as a "key milestone on the journey towards net zero". ceo john pettigrew said the zero-carbon share should increase to 90 per cent by the 2030s. the uk's prime minister theresa may has made a commitment to reach net zero carbon emissions by 2050. this would make the uk the first major economy to do so. energy analyst tom burke told the bbc: "today's landmark is a real tribute to technologists. we have cracked technical problems of dealing with climate change." he added: "as we move towards net zero, jobs will be lost in fossil fuel industries and created in low-carbon industries."

# PUT A SLASH ( / ) WHERE THE SPACES ARE

From <https://breakingnewsenglish.com/1906/190624-zero-carbon-fuels.html>

The United Kingdom has said it is playing its part in striving for a cleaner and greener planet. For the first time since the Industrial Revolution in the 18th and 19th centuries, the UK is being powered more by zero-carbon fuels than fossil fuels. In each of the first five months of 2019, fossil fuels have produced less than half of the UK's electricity. Analysts say a "tipping point" has been reached and the trend of zero-carbon energy sources providing more power than fossil fuels will continue. Power from wind, solar, nuclear and hydro sources outstripped coal and gas-fired generation. A decade ago, three quarters (75.6 percent) of the UK's electricity came from coal and gas, and only 22.3 percent was zero-carbon. The switch to more zero-carbon power was described by the UK's energy chief executive as a "key milestone on the journey towards net zero". CEO John Pettigrew said the zero-carbon share should increase to 90 percent by the 2030s. The UK's Prime Minister Theresa May has made a commitment to reach net zero carbon emissions by 2050. This would make the UK the first major economy to do so. Energy analyst Tom Burket told the BBC: "Today's landmark is a real tribute to technologists. We have cracked technical problems of dealing with climate change." He added: "As we move towards net zero, jobs will be lost in fossil fuel industries and created in low-carbon industries."







# HOMework

**1. VOCABULARY EXTENSION:** Choose several of the words from the text. Use a dictionary or Google's search field (or another search engine) to build up more associations / collocations of each word.

**2. INTERNET:** Search the Internet and find out more about this news story. Share what you discover with your partner(s) in the next lesson.

**3. ZERO-CARBON FUELS:** Make a poster about zero-carbon fuels. Show your work to your classmates in the next lesson. Did you all have similar things?

**4. NET ZERO FINES:** Write a magazine article about fining countries for not being carbon net zero by 2050. Include imaginary interviews with people who are for and against this.

Read what you wrote to your classmates in the next lesson. Write down any new words and expressions you hear from your partner(s).

**5. WHAT HAPPENED NEXT?** Write a newspaper article about the next stage in this news story. Read what you wrote to your classmates in the next lesson. Give each other feedback on your articles.

**6. LETTER:** Write a letter to an expert on zero-carbon fuels. Ask him/her three questions about them. Give him/her three of your ideas on how countries can be net zero. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

# ANSWERS

## VOCABULARY (p.4)

1. f    2. a    3. d    4. b    5. g    6. e    7. c  
8. m    9. h    10. i    11. l    12. k    13. n    14. j

## TRUE / FALSE (p.5)

- a F    b T    c T    d T    e F    f T    g F    h F

## SYNONYM MATCH (p.5)

- |                |                        |
|----------------|------------------------|
| 1. part        | a. role                |
| 2. striving    | b. attempting          |
| 3. produced    | c. created             |
| 4. trend       | d. tendency            |
| 5. outstripped | e. exceeded            |
| 6. switch      | f. change              |
| 7. milestone   | g. landmark            |
| 8. tribute     | h. testimony           |
| 9. cracked     | i. solved              |
| 10. towards    | j. in the direction of |

## COMPREHENSION QUESTIONS (p.9)

1. A cleaner, greener planet
2. The Industrial Revolution in the 18th and 19th centuries
3. A tipping point
4. It would continue
5. Three quarters
6. A "key milestone"
7. By the 2030s
8. By 2050
9. Climate change problems
10. Low-carbon industries

## WORDS IN THE RIGHT ORDER (p.20)

1. For the first time since the Industrial Revolution.
2. The UK is powered more by zero-carbon fuels.
3. In each of the five months of 2019.
4. Analysts say a tipping point has been reached.
5. Hydro sources outstripped coal and gas-fired generation.
6. A key milestone on the journey towards net-zero.
7. The first major economy to do so.
8. Today's landmark is a real tribute to technologists.
9. The technical problems of dealing with climate change.
10. Jobs will be lost in fossil fuel industries.

## MULTIPLE CHOICE - QUIZ (p.10)

1. c    2. a    3. b    4. d    5. c    6. b    7. d    8. b    9. b    10. a

## ALL OTHER EXERCISES

Please check for yourself by looking at the Article on page 2.  
(It's good for your English ;-)