

www.Breaking News English.com

Ready-to-Use English Lessons by Sean Banville

**"1,000 IDEAS & ACTIVITIES
FOR LANGUAGE TEACHERS"**

www.breakingnewsenglish.com/book.html

**Thousands more free lessons
from Sean's other websites**

www.freematerials.com/sean_banville_lessons.html

Level 6

Google investing \$1billion in renewable energy

20th February, 2014

<http://www.breakingnewsenglish.com/1402/140220-renewable-energy.html>

Contents

The Article	2	Discussion (Student-Created Qs)	14
Warm-Ups	3	Language Work (Cloze)	15
Before Reading / Listening	4	Spelling	16
While Reading / Listening	5	Put The Text Back Together	17
Match The Sentences And Listen	6	Put The Words In The Right Order	18
Listening Gap Fill	7	Circle The Correct Word	19
Comprehension Questions	8	Insert The Vowels (a, e, i, o, u)	20
Multiple Choice - Quiz	9	Punctuate The Text And Add Capitals	21
Role Play	10	Put A Slash (/) Where The Spaces Are	22
After Reading / Listening	11	Free Writing	23
Student Survey	12	Academic Writing	24
Discussion (20 Questions)	13	Homework	25
		Answers	26

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

Twitter



twitter.com/SeanBanville

Facebook



www.facebook.com/pages/BreakingNewsEnglish/155625444452176

Google +



<https://plus.google.com/+SeanBanville>

THE ARTICLE

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

Tech giant Google is investing \$1billion in renewable energies to make its operations totally green. The company hopes to exploit solar energy, wind farms and other forms of alternative energy to power its data centres around the world. Rick Needham, Google's Director of Energy and Sustainability, told reporters: "We've invested over a billion dollars in 15 projects that have the capacity to produce two giga-watts of power around the world." Mr Needham added it was an economic necessity for Google to invest in energy. He said: "Procuring power for ourselves and investing in...renewable power plants...all make business sense. They make sense for us as a company to do. We rely on power for our business."

Mr Needham said Google still has a long way to go before all of its operations are fuelled by renewable energy. He said about 34 per cent of Google's power requirements are sourced from renewables. Needham told reporters it wasn't always easy to meet this target in some parts of the world, saying: "Our goal is to be 100 per cent renewable powered. There are lots of challenges in getting there, not the least of which is operating in many jurisdictions that are in different parts of the world." He added: "At Google we invest in innovative renewable energy projects that have the potential to transform the energy landscape and help provide more clean power to businesses and homes around the world."

Sources: <http://www.cnn.com/id/101417698>
<http://rt.com/usa/google-billion-solar-power-457/>
<http://guardianlv.com/2014/02/google-attempts-to-power-all-its-operations-with-renewable-energy/>

WARM-UPS

1. RENEWABLE ENERGY: Students walk around the class and talk to other students about renewable energy. Change partners often and share your findings.

2. CHAT: In pairs / groups, decide which of these topics or words from the article are most interesting and which are most boring.

tech / giant / renewable energy / sustainability / power / necessity / business sense / operations / meet a target / challenges / innovative / projects / transform / landscape

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

3. RENEWABLE TECHNOLOGIES: Complete this table and share what you wrote with your partner(s). Change partners often.

	What I know about them	Their potential in my country
Wind power		
Hydropower		
Solar energy		
Biomass		
Biofuels		
Geothermal energy		

4. NO FOSSIL FUELS: Students A **strongly** believe we won't be using fossil fuels by the end of the century; Students B **strongly** believe we will always use fossil fuels. Change partners again and talk about your conversations.

5. GOING GREEN: Rank these ways to go green with your partner. Put the easiest for you to do at the top. Change partners often and share your rankings.

- use heating/air-con less
- borrow instead of buying
- walk/bike to work/school
- skip bottled water
- take shorter showers
- eat less meat
- buy in bulk
- wash clothes in cold water

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

BEFORE READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

1. TRUE / FALSE:

Read the headline. Guess if a-h below are true (T) or false (F).

- | | |
|--|-------|
| a. Google says it is planning to compete with the big oil companies. | T / F |
| b. Google wants to power all of its operations using renewable energy. | T / F |
| c. A Google spokesman said it economically unnecessary to go green. | T / F |
| d. The spokesman said it made business sense to invest in renewables. | T / F |
| e. Over a third of Google's operations are fuelled by renewables. | T / F |
| f. Some countries make it difficult for Google to be 100% green. | T / F |
| g. Google said it isn't interested in changing the energy industry. | T / F |
| h. Google isn't interested in providing power to homes and businesses. | T / F |

2. SYNONYM MATCH:

Match the following synonyms from the article.

- | | |
|------------------|--------------------------|
| 1. operations | a. depend |
| 2. exploit | b. cutting edge |
| 3. capacity | c. wisdom |
| 4. sense | d. use to good advantage |
| 5. rely | e. authorities |
| 6. fuelled | f. businesses |
| 7. requirements | g. change |
| 8. jurisdictions | h. power |
| 9. innovative | i. needs |
| 10. transform | j. powered |

3. PHRASE MATCH:

(Sometimes more than one choice is possible.)

- | | |
|-----------------------------------|-------------------------|
| 1. make its operations totally | a. energy projects |
| 2. other forms of | b. sense |
| 3. it was an economic | c. clean power |
| 4. make business | d. by renewable energy |
| 5. We rely | e. green |
| 6. fuelled | f. necessity |
| 7. it wasn't always easy to meet | g. the energy landscape |
| 8. invest in innovative renewable | h. on power |
| 9. the potential to transform | i. this target |
| 10. provide more | j. alternative energy |

GAP FILL

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

Tech giant Google is investing \$1billion in renewable energies to make its operations totally (1) _____. The company hopes to exploit solar energy, wind farms and other (2) _____ of alternative energy to power its (3) _____ centres around the world. Rick Needham, Google's Director of Energy and Sustainability, told reporters: "We've invested over a billion dollars in 15 (4) _____ that have the (5) _____ to produce two giga-watts of power around the world." Mr Needham added it was an economic (6) _____ for Google to invest in energy. He said: "Procuring power for ourselves and investing in...renewable power (7) _____ ...all make business sense. They make sense for us as a company to do. We (8) _____ on power for our business."

necessity
data
plants
green
projects
rely
forms
capacity

Mr Needham said Google still has a long way to go before all of its operations are (9) _____ by renewable energy. He said about 34 per cent of Google's power requirements are (10) _____ from renewables. Needham told reporters it wasn't always easy to (11) _____ this target in some parts of the world, saying: "Our goal is to be 100 per cent renewable (12) _____. There are lots of (13) _____ in getting there, not the least of which is operating in many jurisdictions that are in different parts of the world." He added: "At Google we invest in (14) _____ renewable energy projects that have the potential to (15) _____ the energy (16) _____ and help provide more clean power to businesses and homes around the world."

challenges
meet
landscape
powered
fuelled
innovative
sourced
transform

LISTENING – Guess the answers. Listen to check.

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

- 1) renewable energies to make its _____
 - a. operation totally green
 - b. operations total green
 - c. operations totally green
 - d. operation total green
- 2) The company hopes to _____
 - a. exploits solar energy
 - b. exploit solar energies
 - c. exploits solar energies
 - d. exploit solar energy
- 3) Google's Director of Energy _____
 - a. and Sustainability
 - b. and Sustain Ability
 - c. and Sustain A Bill And Tea
 - d. and Sustains Ability
- 4) invested over a billion dollars in 15 projects that _____
 - a. have the minacity
 - b. have the rapacity
 - c. have the audacity
 - d. have the capacity
- 5) investing in...renewable power plants...all _____
 - a. makes business senses
 - b. make business sense
 - c. makes business sense
 - d. make business senses
- 6) Google still has a long way to go before all of its _____
 - a. operations are fuels
 - b. operations are fuelled
 - c. operations are fuelling
 - d. operations are fuel
- 7) Google's power requirements are _____
 - a. sourced from renewables
 - b. sauced from renewables
 - c. source from renewables
 - d. sources from renewables
- 8) not the least of which is operating _____
 - a. in many juries dictions
 - b. in many juries diction
 - c. in many jurisdictions
 - d. in many jurisdiction
- 9) At Google we invest _____ energy projects
 - a. in an innovative renewable
 - b. in innovative renewable
 - c. in innovative renewables
 - d. in innovatively renewable
- 10) the potential to transform the _____
 - a. energy landscapes
 - b. energy land scrape
 - c. energy land scope
 - d. energy landscape

LISTENING – Listen and fill in the gaps

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

Tech giant Google is investing \$1billion in renewable energies to make its (1) _____. The company hopes to exploit solar energy, wind farms and other forms of alternative energy (2) _____ centres around the world. Rick Needham, Google's Director of Energy and Sustainability, told reporters: "(3) _____ billion dollars in 15 projects that have the capacity to produce two giga-watts of power around the world." Mr Needham added it was (4) _____ for Google to invest in energy. He said: "Procuring power for ourselves and investing in...renewable power plants... (5) _____. They make sense for us as a company to do. (6) _____ for our business."

Mr Needham said Google still has a long way (7) _____ of its operations are fuelled by renewable energy. He said about 34 per cent of Google's power (8) _____ from renewables. Needham told reporters it wasn't always easy (9) _____ in some parts of the world, saying: "Our goal is to be 100 per cent renewable powered. There are lots of challenges in getting there, (10) _____ is operating in many jurisdictions that are in different parts of the world." He added: "At Google we (11) _____ renewable energy projects that have the potential to transform the energy landscape and help provide (12) _____ businesses and homes around the world."

COMPREHENSION QUESTIONS

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

1. What kind of farms does Google want to exploit?

2. What kind of centres does Google want to power?

3. How much power can Google's projects currently produce?

4. What did a spokesman say was an economic necessity?

5. What does Google rely on for its business?

6. How much of Google's operations are powered by renewables?

7. What is Google's goal in terms of being powered by renewables?

8. What is one of the biggest challenges for Google?

9. What do Google's projects have the power to transform?

10. To whom does Google want to provide power?

MULTIPLE CHOICE - QUIZ

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

1. What kind of farms does Google want to exploit?
 - a) fish
 - b) wind
 - c) fat
 - d) dairy
2. What kind of centres does Google want to power?
 - a) middle
 - b) social
 - c) data
 - d) youth
3. How much power can Google's projects currently produce?
 - a) 2 mega-watts
 - b) 2 tera-watts
 - c) 2 quadro-watts
 - d) 2 giga-watts
4. What did a spokesman say was an economic necessity?
 - a) improving the speed of Internet searches
 - b) investing in energy
 - c) making profit
 - d) hiring a sustainability director
5. What does Google rely on for its business?
 - a) power
 - b) users
 - c) sense
 - d) investing
6. How much of Google's operations are powered by renewables?
 - a) 34%
 - b) 33%
 - c) 43%
 - d) 44%
7. What is Google's goal in terms of being powered by renewables?
 - a) 90%
 - b) 90-100%
 - c) 110%
 - d) 100%
8. What is one of the biggest challenges for Google?
 - a) staying #1
 - b) fossil fuels
 - c) operating in different countries
 - d) hackers
9. What do Google's projects have the power to transform?
 - a) computers
 - b) business
 - c) search engines
 - d) the energy landscape
10. To whom does Google want to provide power?
 - a) oil companies
 - b) businesses and homes
 - c) governments
 - d) Internet users

ROLE PLAY

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

Role A – Use less power

You think using less power is the best way to go green. Tell the others three reasons why. Tell them things that are wrong with their ways. Also, tell the others which is the least doable of these (and why): borrowing instead of buying, walking to work or eating less meat.

Role B – Borrowing instead of buying

You think borrowing instead of buying is the best way to go green. Tell the others three reasons why. Tell them things that are wrong with their ways. Also, tell the others which is the least doable of these (and why): using less power, walking to work or eating less meat.

Role C – Walking to work

You think walking to work is the best way to go green. Tell the others three reasons why. Tell them things that are wrong with their ways. Also, tell the others which is the least doable of these (and why): borrowing instead of buying, using less power or eating less meat.

Role D – Eating less meat

You think eating less meat is the best way to go green. Tell the others three reasons why. Tell them things that are wrong with their ways. Also, tell the others which is the least doable of these (and why): borrowing instead of buying, walking to work or using less power.

AFTER READING / LISTENING

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

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

solar	energy
--------------	---------------

- 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">• giant• green• data• 15• 2• sense	<ul style="list-style-type: none">• long• 34• meet• lots• transform• clean
---	---

RENEWABLE ENERGY SURVEY

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

Write five GOOD questions about renewable energy 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.

RENEWABLE ENERGY DISCUSSION

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

- a) What did you think when you read the headline?
- b) What springs to mind when you hear the term 'renewable energy'?
- c) What do you think of Google's idea to go 100% renewable?
- d) How much of your power use comes from green energy?
- e) Should Google win an award for its commitment to go green?
- f) What renewable energies are commonly used in your country?
- g) What potential does your country have for going green?
- h) Do you think all big companies will follow Google's example?
- i) Why does Google's idea make business sense?
- j) How could you be greener?

Google investing \$1billion in renewable energy – 20th February, 2014
More free lessons at www.BreakingNewsEnglish.com

RENEWABLE ENERGY DISCUSSION

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

- a) Did you like reading this article? Why/not?
- b) When do you think the whole world will be powered by renewable energy?
- c) Why might there be resistance from some countries to go green?
- d) Should countries that are not going green face penalties?
- e) What will the global energy situation look like in 100 years from now?
- f) Could Google become a global leader in providing energy?
- g) Would you switch to renewable energy even if it was more expensive?
- h) How would the world be different if all energy came from green sources?
- i) What do you think oil companies think of renewable energy?
- j) What questions would you like to ask Rick Needham?

DISCUSSION (Write your own questions)

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

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Copyright © www.BreakingNewsEnglish.com 2014

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 <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

Tech giant Google is investing \$1billion in renewable energies to make its operations (1) ____ green. The company hopes to (2) ____ solar energy, wind farms and other forms of alternative energy to power its data centres around the world. Rick Needham, Google's Director of Energy and Sustainability, told reporters: "We've invested over a billion dollars in 15 projects that have the (3) ____ to produce two giga-watts of power around the world." Mr Needham added it was an economic (4) ____ for Google to invest in energy. He said: "Procuring power for (5) ____ and investing in...renewable power plants...all make business sense. They make sense for us as a company to do. We rely (6) ____ power for our business."

Mr Needham said Google still has a (7) ____ way to go before all of its operations are fuelled by renewable energy. He said about 34 per cent of Google's power requirements are (8) ____ from renewables. Needham told reporters it wasn't always easy to (9) ____ this target in some parts of the world, saying: "Our goal is to be 100 per cent renewable powered. There are lots of challenges in getting there, not the (10) ____ of which is operating in many jurisdictions that are in different parts of the world." He added: "At Google we invest in innovative renewable energy projects that have the potential to transform the energy (11) ____ and help provide more (12) ____ power to businesses and homes around the world."

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

- | | | | | |
|-----|------------------|-----------------|-----------------|------------------|
| 1. | (a) totals | (b) totalled | (c) totality | (d) totally |
| 2. | (a) design | (b) refuel | (c) displace | (d) exploit |
| 3. | (a) voluminous | (b) capacity | (c) largeness | (d) largess |
| 4. | (a) necessarily | (b) necessitate | (c) necessity | (d) unnecessary |
| 5. | (a) us | (b) we | (c) ourselves | (d) ours |
| 6. | (a) on | (b) in | (c) to | (d) of |
| 7. | (a) longitudinal | (b) long | (c) longing | (d) longstanding |
| 8. | (a) sourced | (b) traced | (c) born | (d) birthed |
| 9. | (a) congregate | (b) meet | (c) assemble | (d) gather |
| 10. | (a) worst | (b) best | (c) least | (d) most |
| 11. | (a) portrait | (b) scenery | (c) landscape | (d) vista |
| 12. | (a) sanitised | (b) sanitary | (c) cleanliness | (d) clean |

SPELLING

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

Paragraph 1

1. make its taoieprsno totally green
2. otielpx solar energy
3. other forms of teiernavtla energy
4. energy and anttsiayiulbsi
5. an economic yintsesce
6. nrprgoicu power for ourselves

Paragraph 2

7. 34 per cent of Google's power eequimnrtes
8. cseourd from renewables
9. operating in many orctiidussjni
10. we invest in innvoevati renewable energy projects
11. have the pittneaol to transform
12. the energy paadlcense

PUT THE TEXT BACK TOGETHER

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

Number these lines in the correct order.

- () Mr Needham said Google still has a long way to go before all of its operations are fuelled
- (**1**) Tech giant Google is investing \$1billion in renewable energies to make its operations totally
- () business sense. They make sense for us as a company to do. We rely on power for our business."
- () there, not the least of which is operating in many jurisdictions that are in different parts of the world." He added: "At Google we invest
- () energy to power its data centres around the world. Rick Needham, Google's Director of Energy and
- () sourced from renewables. Needham told reporters it wasn't always easy to meet this target in some parts of the
- () Sustainability, told reporters: "We've invested over a billion dollars in 15 projects that have the capacity to produce two giga-
- () world, saying: "Our goal is to be 100 per cent renewable powered. There are lots of challenges in getting
- () green. The company hopes to exploit solar energy, wind farms and other forms of alternative
- () landscape and help provide more clean power to businesses and homes around the world."
- () watts of power around the world." Mr Needham added it was an economic
- () necessity for Google to invest in energy. He said: "Procuring power for ourselves and investing in...renewable power plants...all make
- () in innovative renewable energy projects that have the potential to transform the energy
- () by renewable energy. He said about 34 per cent of Google's power requirements are

PUT THE WORDS IN THE RIGHT ORDER

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

1. its Renewable operations energies totally to green make.

2. of farms alternative and energy other forms Wind.

3. around power centres world to data the Energy its.

4. giga two produce to capacity the Have power of watts -.

5. do They make sense for us as a company to.

6. by its fuelled energy of are renewable All operations.

7. cent renewable powered Our goal is to be . 100 per

8. projects Google in energy At invest renewable we innovative.

9. landscape energy the transform to potential the Have .

10. more provide Help businesses to power clean.

CIRCLE THE CORRECT WORD (20 PAIRS)

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

Tech giant Google is investing \$1billion in renewable energies to make its operations *totally / total* green. The company hopes to *exploit / exploitation* solar energy, wind farms and other *farms / forms* of alternative energy to power its *data / date* centres around the world. Rick Needham, Google's Director of Energy and Sustainability, told reporters: "We've invested over a billion dollars in 15 projects that have the *audacity / capacity* to produce two giga-watts of power around the world." Mr Needham added it was an economic *necessary / necessity* for Google to invest in energy. He said: "*Procreating / Procuring* power for *ourselves / us* and investing in...renewable power plants...all make business *sense / senses*. They make sense for us as a company to do. We *rely / reliable* on power for our business."

Mr Needham said Google still has a *long / length* way to go before all of its operations are *refuels / fuelled* by renewable energy. He said about 34 per cent of Google's *power / powerful* requirements are *sourced / sauced* from renewables. Needham told reporters it wasn't always easy to *congregate / meet* this target in some parts of the world, saying: "Our goal is to be 100 per cent renewable powered. There are lots of challenges in *being / getting* there, not the least of which is operating in many *justifications / jurisdictions* that are in different *parts / partners* of the world." He added: "At Google we invest in innovative renewable energy projects that have the potential to *transform / transfer* the energy *landscape / portrait* and help provide more clean power to businesses and homes around the world."

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 <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

T_ch g__nt G__gl_ _s _nv_st_ng \$1b_ll__n __n
r_n_w_bl_ _n_rg_s t_ m_k_ _ts _p_r_t__ns t_t_lly
gr__n. Th_ c_mp_ny h_p_s t_ _xpl__t s_l_r _n_rgy,
w_nd f_rms __nd _th_r f_rms _f _lt_rn_t_v_ _n_rgy t_
p_w_r __ts d_t_ c_ntr_s __r__nd th_ w_rld. R_ck
N__dh_m, G__gl_'s D_r_ct_r __f _n_rgy __nd
S_st__n_b_l_ty, t_ld r_p_r_t_rs: "W_'v_ _nv_st_d _v_r
__b_ll__n d_ll_rs __n 15 pr_j_cts th_t h_v_ th_ c_p_c_ty
t_ pr_d_c__tw_ g_g_-w_tts _f p_w_r __r__nd th_ w_rld."
Mr N__dh_m __dd_d_t w_s __n c_n_m_c_n_c_ss_ty f_r
G__gl_ t_ _nv_st __n _n_rgy. H_ s__d: "Pr_c_r_ng
p_w_r f_r __rs_lv_s __nd _nv_st_ng __n...r_n_w_bl_
p_w_r pl_n_t_s... ll m_k_ b_s_n_ss_s_ns_. Th_y m_k_
s_ns_ f_r s_s_ c_mp_ny t_d_. W_r_ly __n p_w_r f_r
__r b_s_n_ss."

Mr N__dh_m s__d G__gl_ st_ll h_s __l_ng w_y t_ g_
b_f_r __ll _f_ts _p_r_t__ns _r_f__ll_d by r_n_w_bl_
_n_rgy. H_ s__d __b__t 34 p_r_c_nt _f G__gl_'s p_w_r
r_q__r_m_n_t_s __r_s__rc_d fr_m r_n_w_bl_s. N__dh_m
t_ld r_p_r_t_rs __t w_sn't __lw_y_s __sy t_ m__t th_s
t_rg_t __n s_m_p_r_t_s _f th_ w_rld, s_y_ng: "__r g__l
s t b_ 100 p_r_c_nt r_n_w_bl_ p_w_r_d. Th_r __r
l_ts __f ch_ll_ng_s __n g_t_t_ng th_r_, n_t th_ l__st __f
wh_ch __s _p_r_t_ng __n m_ny j_r_sd_ct__ns th_t __r __n
d_ff_r_n_t p_r_t_s _f th_ w_rld." H_ __dd_d: "__t G__gl_ w_
_nv_st __n __n_v_t_v_ r_n_w_bl_ _n_rgy pr_j_cts th_t
h_v_ th_ p_t_n_t __l_t tr_nsf_r_m th_ __n_rgy l_ndsc_p_
__nd h_lp pr_v_d_m_r cl__n p_w_r t_ b_s_n_ss_s __nd
h_m_s __r__nd th_ w_rld."

PUNCTUATE THE TEXT AND ADD CAPITALS

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

tech giant google is investing \$1billion in renewable energies to make its operations totally green the company hopes to exploit solar energy wind farms and other forms of alternative energy to power its data centres around the world rick needham google's director of energy and sustainability told reporters "we've invested over a billion dollars in 15 projects that have the capacity to produce two giga-watts of power around the world" mr needham added it was an economic necessity for google to invest in energy he said "procuring power for ourselves and investing in...renewable power plants...all make business sense they make sense for us as a company to do we rely on power for our business"

mr needham said google still has a long way to go before all of its operations are fuelled by renewable energy he said about 34 per cent of google's power requirements are sourced from renewables needham told reporters it wasn't always easy to meet this target in some parts of the world saying "our goal is to be 100 per cent renewable powered there are lots of challenges in getting there not the least of which is operating in many jurisdictions that are in different parts of the world" he added "at google we invest in innovative renewable energy projects that have the potential to transform the energy landscape and help provide more clean power to businesses and homes around the world"

PUT A SLASH (/) WHERE THE SPACES ARE

From <http://www.BreakingNewsEnglish.com/1402/140220-renewable-energy.html>

Tech giant Google is investing \$1 billion in renewable energy to make its operation totally green. The company hopes to exploit solar energy, wind farms and other forms of alternative energy to power its data centres around the world. Rick Needham, Google's Director of Energy and Sustainability, told reporters: "We've invested over a billion dollars in 15 projects that have the capacity to produce two gigawatts of power around the world." Mr Needham added it was an economic necessity for Google to invest in energy. He said: "Procuring power for ourselves and investing in...renewable power plants...all make business sense. They make sense for us as a company to do. We rely on power for our business." Mr Needham said Google still has a long way to go before all of its operations are fuelled by renewable energy. He said about 34 percent of Google's power requirements are sourced from renewables. Needham told reporters it wasn't always easy to meet this target in some parts of the world, saying: "Our goal is to be 100 percent renewable powered. There are a lot of challenges in getting there, not the least of which is operating in many jurisdictions that are indifferent parts of the world." He added: "At Google we invest in innovative renewable energy projects that have the potential to transform the energy landscape and help provide more clean power to businesses and homes around the world."

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 renewable energy. Share what you discover with your partner(s) in the next lesson.

3. RENEWABLE ENERGY: Make a poster about renewable energy. Show your work to your classmates in the next lesson. Did you all have similar things?

4. GOOGLE: Write a magazine article about Google's plan to use renewable energy for 100% of its power requirements. Include imaginary interviews with Google execs and energy experts.

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 a renewable energy expert. Ask him/her three questions about renewable energy. Give him/her three of your opinions on Google's idea. Read your letter to your partner(s) in your next lesson. Your partner(s) will answer your questions.

ANSWERS

TRUE / FALSE (p.4)

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

SYNONYM MATCH (p.4)

- | | |
|------------------|--------------------------|
| 1. operations | a. businesses |
| 2. exploit | b. use to good advantage |
| 3. capacity | c. power |
| 4. sense | d. wisdom |
| 5. rely | e. depend |
| 6. fuelled | f. powered |
| 7. requirements | g. needs |
| 8. jurisdictions | h. authorities |
| 9. innovative | i. cutting edge |
| 10. transform | j. change |

COMPREHENSION QUESTIONS (p.8)

1. Wind farms
2. Data centres
3. 2 giga-watts
4. Investing in energy
5. Power
6. 34%
7. 100%
8. Operating in different parts of the world
9. The energy landscape
10. Businesses and homes

MULTIPLE CHOICE - QUIZ (p.9)

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

ALL OTHER EXERCISES

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