

Title:	Household energy savings could also hold the key to emissions reductions
First Broadcast:	October, 2021
Source:	ABC's 7.30 Report
Minutes:	5:41
Video & Script:	<a href="https://www.abc.net.au/7.30/household-energy-savings-could-also-hold-the-key/13569686">https://www.abc.net.au/7.30/household-energy-savings-could-also-hold-the-key/13569686</a>
Summary:	New research shows greater emissions reductions could be achieved by focusing on voters' household energy savings.

## KEY WORDS

*Below is a list of words which appear in the report - can you match the words with their correct definition? Use a dictionary to help you if you aren't sure.*

accurately, used to show what you are saying is really true	
amount of money spent on something	
be ready and prepared to do something	
cause to happen	
consider, view, think of	
device, machine	
expensive, excessive	
having the same value, amount, etc.	
in advance	
making use of something that is available	
something that makes it difficult to do something, obstacle	
supporter, someone who publicly supports or recommends a particular cause or policy	
very different from what is traditional	

<b>radically</b> modernised (adv)
household <b>appliances</b> (n)
<b>regard</b> (v)
<b>advocate</b> (v)
<b>poised</b> for change (v)
<b>drive</b> change (v)
<b>literally</b> (adv)
<b>equivalent</b> (n)
biggest <b>outlay</b> (n)
<b>upfront</b> costs (adj)
<b>uptake</b> of electrification (n)
<b>steep</b> costs (adj)
<b>barrier</b> to entry (n)

## SUMMARY

New research shows greater emissions reductions could be achieved by focusing on voters' household energy savings.



## FOCUS QUESTIONS

- What are normally the biggest sources of household greenhouse gas emissions?
- What can households do to cut greenhouse emissions?
- Why don't more households install solar power on their roofs? Should governments be subsidizing this?
- Do you think the benefits of taking further action on climate change outweigh the costs?

## LISTENING

*First watch the report and answer the questions*

- For 27 years Linda and Neville have been ... **a. living in their house. b. married. c. both a. and b.**
- For the Hicks' family, what is the biggest source of their household emissions?

## COMPREHENSION QUESTIONS

*After watching the report, try to answer the following questions*

1. What proportion of Australia's emissions are linked to fossil fuels across its 10 million homes?
2. According to research, most Australian voters think the benefits of taking further action on climate change will outweigh the cost. **T / F**
3. According to the research, the average Australian household, with predictable improvements in technology costs over the next 15 years and with the right finance and interest rates, could be saving how much on their energy costs per year by the end of the decade?
4. It could also create how many jobs by 2030?
5. It would also save Australia how much money by 2030?
6. According to Australian-American engineer, Dr Saul Griffith, how much does it cost to drive a typical Australian vehicle? \_\_\_\_\_ **per kilometre**
7. If the same sized car is electric and running off rooftop solar, how much would it cost to drive? \_\_\_\_\_ **per kilometre**
8. He also calculates that an eight-minute shower costs around 80 cents using natural gas - how much would it cost if it was running with a heat pump off rooftop solar?

## CLOZE

Use the words to complete the sentences

**The form of the word may need to be changed**

radically	appliance	regard	advocate	poised	drive
literally	equivalent	outlay	upfront	uptake	steep
					barrier

1. A 9.0 earthquake has the energy \_\_\_\_\_ of 31,250 combined Hiroshima-Nagasaki Atomic Bombs.
2. Access to public transport services can be a \_\_\_\_\_ for people living in rural areas to find work.
3. After being criticized for its lack of climate change policies, the government pointed to the fact that over the next decade it would \_\_\_\_\_ more than 2 billion dollars on green energy projects.
4. Coal has been a big \_\_\_\_\_ of the Australian economy over the last century.
5. Heating \_\_\_\_\_ available on the market today are much more efficient compared to a few decades ago.
6. The Australian Government is \_\_\_\_\_ by many countries as a slow mover when it comes to committing to large reductions in carbon emissions.
7. The builder told the client that they would have to pay \$20 thousand \_\_\_\_\_ before construction could begin.
8. The health minister said the huge \_\_\_\_\_ of a free flu vaccine had led to shortages but the government would be arranging for new supplies to be available soon.
9. The health minister's \_\_\_\_\_ proposal to put a tax on junk food was criticized by representatives of the food industry.
10. The price of electric vehicles may seem quite \_\_\_\_\_ but they are very cheap to run.
11. The Prime Minister said the country's renewable energy industry was \_\_\_\_\_ for strong growth over the next 2 decades.
12. The woman became an \_\_\_\_\_ for euthanasia after her mother had suffered a long and painful death from cancer.
13. The woman \_\_\_\_\_ fell off her chair when she found out she had won the award.

## ANSWER KEY

<ul style="list-style-type: none"> <li>• both a. and b.</li> <li>• their two cars</li> </ul>	<ol style="list-style-type: none"> <li>1. around 42 per cent</li> <li>2. T - 74 per cent</li> <li>3. up to \$5,000</li> <li>4. 1.3 million</li> <li>5. nation \$38 billion</li> <li>6. 15-20 cents</li> <li>7. 1 cent</li> <li>8. about 10 cents</li> </ol>
--	---

accurately, used to show what you are saying is really true	literally
amount of money spent on something	outlay
be ready and prepared to do something	poised
cause to happen	drive
consider, view, think of	regard
device, machine	appliance
expensive, excessive	steep
having the same value, amount, etc.	equivalent
in advance	upfront
making use of something that is available	uptake
something that makes it difficult to do something, obstacle	barrier
supporter, someone who publicly supports or recommends a particular cause or policy	advocate
very different from what is traditional	radically

1. A 9.0 earthquake has the energy **equivalent** of 31,250 combined Hiroshima-Nagasaki Atomic Bombs.
2. Access to public transport services can be a **barrier** for people living in rural areas to find work.
3. After being criticized for its lack of climate change policies, the government pointed to the fact that over the next decade it would **outlay** more than 2 billion dollars on green energy projects.
4. Coal has been a big **driver** of the Australian economy over the last century.
5. Heating **appliances** available on the market today are much more efficient compared to a few decades ago.
6. The Australian Government is **regarded** by many countries as a slow mover when it comes to committing to large reductions in carbon emissions.
7. The builder told the client that they would have to pay \$20 thousand **upfront** before construction could begin.
8. The health minister said the huge **uptake** of a free flu vaccine had led to shortages but the government would be arranging for new supplies to be available soon.
9. The health minister's **radical** proposal to put a tax on junk food was criticized by representatives of the food industry.
10. The price of electric vehicles may seem quite **steep** but they are very cheap to run.
11. The Prime Minister said the country's renewable energy industry was **poised** for strong growth over the next 2 decades.
12. The woman became an **advocate** for euthanasia after her mother had suffered a long and painful death from cancer.
13. The woman **literally** fell off her chair when she found out she had won the award.