

# Addingham Environment Group

Dear Householder,

The Environment Group was set up last year by the village Civic Society to raise awareness in the Village about environmental issues.

One of our key concerns is climate change and the need to reduce our use of fossil fuels and increase our use of renewable energy.

The UK is committed to reducing greenhouse gas emissions by 80% compared to 1990 levels by 2050, and local action is a vital component of the national effort to meet that target.

So we are hoping to encourage Addingham residents to think about their energy usage from an environmental point of view and to embrace the idea of environmental stewardship, where we take responsibility for our actions individually and locally.

As you are already pioneering the use of renewable energy by installing solar panels on your roof we wanted to ask you about your experience of solar panels and your thoughts about renewable energy more generally.

It would be greatly appreciated if you could spare the time to fill out the attached questionnaire. We will treat your replies confidentially. Our aim is to combine them with replies from other residents with solar panels to gain a better understanding of their value. We also hope that it will provide us with information that might help us encourage more households to follow your example.

We will of course let you know the results of our survey. We hope to publicise them at our Village Environment Day on the 13<sup>th</sup> May which we hope you will attend (see enclosed).

If you have any queries please contact Richard Walton (email: [walton.addingham@virginmedia.com](mailto:walton.addingham@virginmedia.com), or phone: 01943 430808).

We will collect completed questionnaires between Wed 19<sup>th</sup> April and Saturday 22<sup>nd</sup> April.

**Thank you!**

Lizzie Hebbert  
Richard Walton  
Ian Viner  
Rick Battarbee

## Solar Panels and Renewable Energy in Addingham Survey

### Questionnaire

As someone who has already made a significant decision to reduce reliance on fossil fuels, we would be very grateful if you could help us with our survey. We are interested in finding out about the pros and cons of solar panels from your direct experience and your thoughts about renewable energy.

Please answer questions by ticking boxes, circling an option, or provide a value or comment as requested.

#### System set up and costs

1. What kind of panels have you installed, hot water or photovoltaic: .....

2. If hot water only, please specify why:

.....  
.....

then answer Q 3, and go directly to Q 18.

3. Which year did you install your panels? .....

4. How long is your agreement with the Grid (years)? .....

5. What is the capacity of your installation (kWp)? .....

6. What is the orientation of your installation (circle one)?

NW	N	NE
W	Don't know	E
SW	S	SE

7. What was the total cost of installation or prefer not to say? .....

8. How long is the warranty period on your panels? .....

9. How long is your inverter warranty period? .....

10. Have you needed to replace your inverter (circle one)?

yes	no
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11. What kind of meter have you installed (tick one)?

mechanical	
electronic	
both	
don't know	

12. Have you incurred maintenance costs or prefer not to say (circle one)?

yes	no	prefer not to say
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If Yes please give details

.....

.....

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**Income and benefit**

13. What is your feed-in tariff (£)? .....

14. How much electricity does your system generate per year (kWh)? .....

15. What proportion (approximately) of your annual electricity needs is provided for by your solar panels (%)? .....

16. How much electricity do your panels generate compared with their capacity? .....

17. Considering that feed-in tariffs are now only ca. £4.39 per kWh but the capital costs of installation have also decreased would you do the same again today (circle one)?

yes	no
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18. What were your reasons for installing solar panels in the first place (tick box)?

to save money on energy bills	
to reduce your carbon footprint	
a combination of both	
Other. Please specify	
.....	
.....	

**Attitudes to renewable energy**

19. The UK Climate Change Act requires the UK to decarbonise its energy use by at least 80% by 2050 compared with the 1990 baseline. How should this be achieved (tick as many boxes as you want, or, preferably, rank numerically with "1" the most important)?

Reduce demand by improved house insulation	
Reduce demand by introducing more energy efficient appliances	
Reduce demand by installing smart meters	
Generate more energy from solar	
Generate more energy from a ground source heat pump	
Generate more energy from onshore wind	
Generate more energy from offshore wind	
Generate more energy from biomass burning	
Use fracking as an interim solution	
Use more natural gas as an interim solution	
Increase use of nuclear energy	
Other. Specify: .....	

20. What actions have you already taken to reduce your carbon footprint (tick as many boxes as you want or, preferably, rank them with "1" the most significant)?

Improved house insulation	
Installed solar panels	
Installed a ground source heat pump	
Bought more energy efficient appliances	
Installed a smart meter	
Switched to a green electricity supplier such as Ecotricity	
Bought a more fuel efficient car	
Bought an electric or hybrid car	
Used more public transport	
Reduced air miles	
Offset your emissions by e.g. funding the planting of trees	
Other. Provide details: ..... .....	

21. What actions do you plan to take in future (within 5 years) to reduce your carbon footprint (tick as many boxes as you want, or, preferably, rank with "1" the most likely)?

Improve house insulation	
Install solar panels	
Install a ground source heat pump	
Buy more energy efficient appliances	
Install a smart meter	
Switch to a green electricity supplier such as Ecotricity	
Buy a more fuel efficient car	
Buy an electric or hybrid car	
Use more public transport	
Reduce air miles	
Offset your emissions by e.g. funding the planting of trees	
Other. Provide details: ..... .....	

22. Do you have access to all the information you need to make decisions about reducing your carbon footprint (tick box)?

Yes	
No	
Don't know	

23. Where does the responsibility for implementing measures to cut carbon emissions mainly lie (please number in rank order with "1" being the most important)

Personal	
Household	
Local Community	
Regional Authority	
National Government	

**Personal information (optional)**

1. What is your occupation .....
2. How many people are there in your household

Number	
Prefer not to say	

3. Please provide a breakdown of the household (optional information)

Age or phase	Number
Under 5: Pre-school	
5-11: Primary school	
11-16: Secondary school	
16-18: Sixth form	
18-21: Higher Education	
16-65 in work	
16-65 unemployed	
Retired	

4. If we repeat this exercise next year would you be willing to take part again?

Yes	No
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5. Could you suggest ways in which we could improve this questionnaire?

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6. Are you (or a member of your household) interested in joining the Addingham Environment Group?

yes	no
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7. If "Yes" could you supply your name, email address and telephone number?

Name ..... email.....

Phone (home)..... Phone (mobile) .....

Thank you for completing this questionnaire. We will collect it from you between Wednesday 19<sup>th</sup> April and Saturday 22<sup>nd</sup> April, 2017.