

Mr Frank O’Gorman  
6 Eddeys Lane  
Headley Down  
BORDON  
GU35 8HU

23 September 2013

Our reference: **23092013W342334**

**Your free home energy report for 6 Eddeys Lane, Headley Down, BORDON, GU35 8HU**

Dear Mr O’Gorman

Thank you for completing the home energy check. We have used your answers to produce your free home energy report.

Your report shows how you could potentially:

- Save more than £600 on energy bills each year and
- Reduce carbon dioxide emissions from your home by around 45% (3 tonnes of CO<sub>2</sub> each year).

By following the suggestions within your report you could also make your home more comfortable to live in and improve its energy efficiency rating.

The Energy Saving Trust provides free and impartial advice on how to save energy. Our friendly advisors can talk you through the recommendations in your report, tell you about any special grants and offers in your area for energy saving measures and put you in touch with local professional installers. Call us as little or as often as you want on **0800 512 012**.

You can also find information and tools to help you save money and stop wasting energy by visiting **[www.energysavingtrust.org.uk](http://www.energysavingtrust.org.uk)**.

You have already taken an important first step towards saving energy and money by completing the home energy check, so why not contact us today and let us help you start saving as soon as possible?

Yours sincerely,

**Energy Saving Trust**  
powered by the  **NHER**  
National Home Energy Rating

The advice centres are separate legal entities providing services to the Energy Saving Trust under contract.

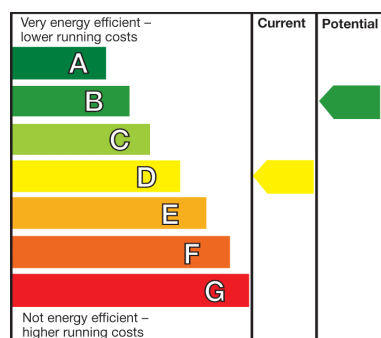
The Energy Saving Trust is a non-profit making organisation that provides free, impartial advice tailored to help you save energy at home.

Call your nearest advice centre free on 0800 512 012 or visit [www.energysavingtrust.org.uk](http://www.energysavingtrust.org.uk)

## How energy efficient is your home?

Here's a look at your home in terms of energy efficiency. The current rating provides an indication of the energy efficiency of your home based on the information you have provided. The potential rating shows the level you could reach by implementing the recommendations in your report.

A rating at the top end of the scale indicates that your home is very energy efficient and will have lower running costs. A rating at the bottom end of the scale indicates that your home is not energy efficient.



### How have we produced the energy efficiency ratings for your home?

The energy efficiency ratings included in your home energy report are estimated using a simplified version of the Standard Assessment Procedure, the Government's recommended system for producing energy ratings for dwellings. The assessment is simplified by assuming some of the characteristics of the property from the information you have provided.

**This report is not valid as an Energy Performance Certificate (EPC). If you obtain an EPC for your property you may obtain a different rating to that included here.**

## What household savings can you make?

Bearing in mind what you have told us about your home, here is our estimate of your household's current running costs and CO<sub>2</sub> emissions. As you'll see, we believe your running costs can be reduced by 43% and your carbon dioxide emissions by 46%.

	Current	Potential	Saving
Estimated running costs	£1,395 per year	£789 per year	£606 per year (a 43% saving)
Estimated CO <sub>2</sub> emissions	6.65 tonnes per year	3.6 tonnes per year	3.05 tonnes per year (a 46% saving)

### How have we estimated your running costs, CO<sub>2</sub> emissions and potential savings?

We have estimated the running costs and CO<sub>2</sub> emissions using the information you have provided and some basic assumptions. Depending on how many people live in your home and how you use energy, your actual bills may be quite different from these estimates. The initial indications of potential savings have also been calculated in a similar way and can be discussed further with your local advice centre. The recommendations are impartial and not promoting any particular product or company.

## What have you told us about your home?

Property type	Detached House		
Terrain	Rural (countryside)		
Storeys	2	Number of rooms	6
Heated conservatory	No heated conservatory		
Wall type	Cavity - retro-filled with insulation	Glazing	Double glazing; All (100%)

<b>Roof type</b>	Pitched with access to loft; Insulated at joists; 300mm +		
<b>Main heating</b>	Mains Gas; Boiler; Supplying radiators		
<b>Heating controls</b>	Programmer and room thermostat		
<b>Boiler type and age</b>	Normal; 1997 or earlier		
<b>Hot water</b>	From main heating		
<b>Hot water cylinder</b>	Normal (up to 90cm tall); Thin spray foam - up to 38mm or 1.5"; No thermostat		
<b>Low energy lighting</b>	All (100%)	<b>Electricity meter</b>	Single

## What improvements can you make to your home?

Here's what you can do to stop wasting energy and money at home. These improvements will make your home more comfortable, cut down the amount of CO<sub>2</sub> it produces and could increase the value of your property. If you rent rather than own your home, it may not be up to you to carry out all the improvements on the list, but the more you can make the more energy and money you will save.

**Our friendly advisors at your nearest advice centre can talk you through the recommendations in your report, discuss the best options for your home and help you find special offers and grants. You can call our team free on 0800 512 012 as little or often as you want.**

We've assumed that you'll make the improvements in the following order.

Lower cost measures	Estimated savings per year	Additional information
Cylinder thermostat	£93 and 0.55 tonnes	A hot water cylinder thermostat enables the boiler to switch off when the water in the cylinder reaches the required temperature, minimising the amount of energy that is used and lowering fuel bills. The thermostat is temperature sensor that sends a signal to the boiler when the required temperature is reached. It should be installed by a competent plumber or heating engineer.
Heating controls upgrade	£38 and 0.2 tonnes	To ensure that you have a good standard of heating control and improve the efficiency of your system ensure that your heating system has a programmer, room and hot water cylinder thermostats and that thermostatic radiator valves are fitted to radiators. Heating and hot water use accounts for 82% of household energy use.
Medium cost measures	Estimated savings per year	Additional information

Boiler upgrade	£177 and 1.05 tonnes	Install a fully controlled Energy Saving Trust Recommended boiler. Typically an Energy Saving Trust Recommended rated boiler uses around a third less fuel than a 15 year old appliance.
<b>Higher cost measures</b>	<b>Estimated savings per year</b>	<b>Additional information</b>
Solar photovoltaic (PV) panels	£222 and 0.95 tonnes	A solar PV system converts light directly into electricity via panels placed on the roof with no waste and no emissions. This electricity is used throughout the home in the same way as the electricity purchased from an energy supplier. NB, in certain circumstances you may need to meet local planning and/or building control requirements for such a system
Wind turbine	£76 and 0.3 tonnes	Wind turbine
<b>Total savings</b>	<b>£606 and 3.05 tonnes</b>	

### How have we worked out what to recommend to you?

Our recommendations are based on the information you have provided about your home. We may have suggested measures that are inappropriate because we have only a limited understanding of your home. Our advisors can tell you when a pre-installation survey may be required and whether planning permission or building regulation approval may be needed to implement recommendations in the list.

## What other changes could you make in your home?

### Room thermostat

Ensure that your room thermostat is set at the right temperature, typically 18 - 21 degrees C.

### Heating programmer settings

Make sure you regularly check the heating pattern of your heating programmer to ensure that it stays in line with the current occupancy of the house. Make sure the programmer does not accidentally get set to, or left on CONSTANT by mistake. If there is a power outage, check your programmer has not lost its schedule or the clock changed.

### Domestic appliances

Purchase 'Energy Saving Trust Recommended' domestic appliances when replacements are needed. Energy saving products use less energy and therefore have less of an environmental impact, as well as being cheaper to run.

### Generating your own Energy

Generating your own energy will help you to reduce your bills and your carbon footprint. The next step is to talk to a local advisor to see which technologies will suit your home. Call free on 0800 512 012 to talk to an advisor or visit [www.energysavingtrust.org.uk/generate-your-own-energy](http://www.energysavingtrust.org.uk/generate-your-own-energy) for a general guide.

## What can you do next?

- Call our advice centre free on **0800 512 012** to talk through the recommendations in your report, discuss the best options for your home and find special offers and grants.
- Visit **[www.energysavingtrust.org.uk](http://www.energysavingtrust.org.uk)** to find more information about the recommendations in your report and to use tools to help you save energy and money and assess the potential of microgeneration technologies.

Our standards of performance are monitored by a market research company who may contact you in a few months to check whether you found our service useful.