# **Energy performance certificate (EPC)**



Property type Semi-detached bungalow

**Total floor area** 52 square metres

### Rules on letting this property

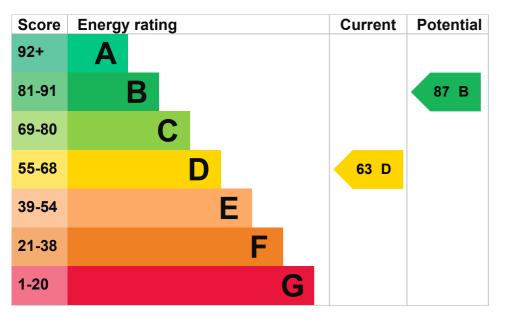
Properties can be let if they have an energy rating from A to E.

You can read guidance for landlords on the regulations and exemptions (https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance).

### **Energy rating and score**

This property's energy rating is D. It has the potential to be B.

See how to improve this property's energy efficiency.



The graph shows this property's current and potential energy rating.

Properties get a rating from A (best) to G (worst) and a score. The better the rating and score, the lower your energy bills are likely to be.

For properties in England and Wales:

- the average energy rating is D
- the average energy score is 60

## Breakdown of property's energy performance

#### Features in this property

Features get a rating from very good to very poor, based on how energy efficient they are. Ratings are not based on how well features work or their condition.

Assumed ratings are based on the property's age and type. They are used for features the assessor could not inspect.

Feature	Description	Rating
Wall	Cavity wall, filled cavity	Good
Roof	Pitched, 300 mm loft insulation	Very good
Window	Fully double glazed Average	
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, room thermostat and TRVs Good	
Hot water	From main system Good	
Lighting	Low energy lighting in 83% of fixed outlets Very good	
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, mains gas	N/A

#### Primary energy use

The primary energy use for this property per year is 290 kilowatt hours per square metre (kWh/m2).

About primary energy use

## How this affects your energy bills

An average household would need to spend £646 per year on heating, hot water and lighting in this property. These costs usually make up the majority of your energy hills

You could save £194 per year if you complete the suggested steps for improving this property's energy rating.

This is based on average costs in 2016 when this EPC was created. People living at the property may use different amounts of energy for heating, hot water and lighting.

### Heating this property

Estimated energy needed in this property is:

- 4,929 kWh per year for heating
- 3,207 kWh per year for hot water

## Impact on the environment

This property's environmental impact rating is D. It has the potential to be B.

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO2) they produce each year.

#### Carbon emissions

An average household produces	6 tonnes of CO2
This property produces	2.6 tonnes of CO2
This property's potential production	0.7 tonnes of CO2

You could improve this property's CO2 emissions by making the suggested changes. This will help to protect the environment.

These ratings are based on assumptions about average occupancy and energy use. People living at the property may use different amounts of energy.

## Changes you could make

▶ Do I need to follow these steps in order?

### **Step 1: Floor insulation (solid floor)**

Typical installation cost	£4,000 - £6,000
Typical yearly saving	£58
Potential rating after completing step 1	66 D

### Step 2: Hot water cylinder insulation

Increase hot water cylinder insulation

Typical installation cost	£15 - £30
Typical yearly saving	£31
Potential rating after completing steps 1 and 2	68 D

#### Step 3: Replace boiler with new condensing boiler

Typical installation cost	£2,200 - £3,000
Typical yearly saving	£64
Potential rating after completing steps 1 to 3	71 C

#### Step 4: Solar water heating

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Potential rating after completing steps 1 to 4	73 C
Typical yearly saving	£41
Typical Installation cost	£4,000 - £6,000

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## Step 5: Solar photovoltaic panels, 2.5 kWp

Typical installation cost	£5,000 - £8,000
Typical yearly saving	£284
Potential rating after completing steps 1 to 5	87 B

### Help paying for energy improvements

#### More ways to save energy

Find ways to save energy in your home.

### Who to contact about this certificate

#### **Contacting the assessor**

If you're unhappy about your property's energy assessment or certificate, you can complain to the assessor who created it.

Assessor's name	Timothy Davis
Telephone	01242 285693
Email	tim@cotswold-energy.co.uk

#### Contacting the accreditation scheme

If you're still unhappy after contacting the assessor, you should contact the assessor's accreditation scheme.

Accreditation scheme	Elmhurst Energy Systems Ltd
Assessor's ID	EES/013393
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

#### About this assessment

Assessor's declaration	No related party
Date of assessment	7 March 2016
Date of certificate	8 March 2016
Type of assessment	► <u>RdSAP</u>

## Other certificates for this property

If you are aware of previous certificates for this property and they are not listed here, please contact us at <u>dluhc.digital-services@levellingup.gov.uk</u> or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related certificates for this property.

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