

# Energy performance certificate (EPC)

Reservoir House St. Lythan's CARDIFF CF5 6BQ	Energy rating <b>G</b>	Valid until: <b>23 January 2028</b>
		Certificate number: <b>8138-7829-5800-5504-9922</b>

Property type	Detached house
Total floor area	103 square metres

## Rules on letting this property

### ! You may not be able to let this property

This property has an energy rating of G. It cannot be let, unless an exemption has been registered. You can read [guidance for landlords on the regulations and exemptions \(https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance\)](https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance).

Properties can be let if they have an energy rating from A to E. You could make changes to [improve this property's energy rating](#).

## Energy rating and score

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

[See how to improve this property's energy efficiency.](#)

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		
55-68	D		56 D
39-54	E		
21-38	F		
1-20	G	19 G	

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, as built, no insulation (assumed)	Poor
Roof	Pitched, no insulation (assumed)	Very poor
Roof	Pitched, limited insulation	Very poor
Window	Fully double glazed	Average
Main heating	Room heaters, coal	Average
Main heating control	No thermostatic control of room temperature	Poor
Hot water	Electric immersion, standard tariff	Very poor
Lighting	No low energy lighting	Very poor
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, wood logs	N/A

### Low and zero carbon energy sources

Low and zero carbon energy sources release very little or no CO<sub>2</sub>. Installing these sources may help reduce energy bills as well as cutting carbon emissions. The following low or zero carbon energy sources are installed in this property:

- Biomass secondary heating

### Primary energy use

The primary energy use for this property per year is 523 kilowatt hours per square metre (kWh/m<sup>2</sup>).

▶ [About primary energy use](#)

### Additional information

Additional information about this property:

- Dwelling may be exposed to wind-driven rain

## How this affects your energy bills

An average household would need to spend **£2,352 per year on heating, hot water and lighting** in this property. These costs usually make up the majority of your energy bills.

You could **save £1,089 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2018** 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:

- 24,207 kWh per year for heating
- 2,247 kWh per year for hot water

# Impact on the environment

This property's environmental impact rating is G. It has the potential to be A.

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO<sub>2</sub>) they produce each year.

## Carbon emissions

<b>An average household produces</b>	6 tonnes of CO <sub>2</sub>
<b>This property produces</b>	16.0 tonnes of CO <sub>2</sub>
<b>This property's potential production</b>	0.1 tonnes of CO <sub>2</sub>

You could improve this property's CO<sub>2</sub> 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.

# Steps you could take to save energy

► [Do I need to follow these steps in order?](#)

## Step 1: Flat roof or sloping ceiling insulation

Typical installation cost £850 - £1,500

Typical yearly saving £144

Potential rating after completing step 1 **22 F**

## Step 2: Cavity wall insulation

Typical installation cost £500 - £1,500

Typical yearly saving £392

Potential rating after completing steps 1 and 2 **33 F**

## Step 3: Floor insulation (solid floor)

Typical installation cost £4,000 - £6,000

Typical yearly saving £97

Potential rating after completing steps 1 to 3 **36 F**

## Step 4: Hot water cylinder insulation

Add additional 80 mm jacket to hot water cylinder

Typical installation cost £15 - £30

Typical yearly saving £29

Potential rating after completing steps 1 to 4 **36 F**

## Step 5: Low energy lighting

Typical installation cost £60

Typical yearly saving £51

Potential rating after completing steps 1 to 5 **38 F**

## Step 6: Biomass stove with boiler

Typical installation cost £7,000 - £13,000

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Typical yearly saving	£271
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Potential rating after completing steps 1 to 6	44 E
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## Step 7: Solar water heating

Typical installation cost	£4,000 - £6,000
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Typical yearly saving	£106
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Potential rating after completing steps 1 to 7	47 E
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## Step 8: Solar photovoltaic panels, 2.5 kWp

Typical installation cost	£5,000 - £8,000
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Typical yearly saving	£316
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Potential rating after completing steps 1 to 8	56 D
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## Advice on making energy saving improvements

[Get detailed recommendations and cost estimates](#)

[Speak to an advisor from Nest](#)

## Help paying for energy saving improvements

You may be eligible for help with the cost of improvements:

- Free energy saving improvements: [Nest](#)
- Insulation: [Great British Insulation Scheme](#)
- Heat pumps and biomass boilers: [Boiler Upgrade Scheme](#)
- Help from your energy supplier: [Energy Company Obligation](#)

## 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	Luis Tapper
Telephone	08450945192
Email	<a href="mailto:enquiries@vibrantenergymatters.co.uk">enquiries@vibrantenergymatters.co.uk</a>

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### Contacting the accreditation scheme

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

Accreditation scheme	ECMK
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Assessor's ID	ECMK301300
Telephone	0333 123 1418
Email	<a href="mailto:info@ecmk.co.uk">info@ecmk.co.uk</a>

## About this assessment

Assessor's declaration	No related party
Date of assessment	24 January 2018
Date of certificate	24 January 2018
Type of assessment	▶ <a href="#">RdSAP</a>

## 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 [mhclg.digital-services@communities.gov.uk](mailto:mhclg.digital-services@communities.gov.uk) or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related certificates for this property.

[Help \(/help\)](#) [Accessibility \(/accessibility-statement\)](#) [Cookies \(/cookies\)](#)

[Give feedback \(https://forms.office.com/e/KX25htGMX5\)](https://forms.office.com/e/KX25htGMX5) [Service performance \(/service-performance\)](#)

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