

# Energy performance certificate (EPC)

1 BARRY CLOSE PENPEDAIRHEOL CF82 8HJ	Energy rating <b>E</b>	Valid until: <b>11 October 2030</b>
		Certificate number: <b>9490-5312-0022-7001-0003</b>

Property type	Semi-detached bungalow
Total floor area	70 square metres

## Rules on letting this property

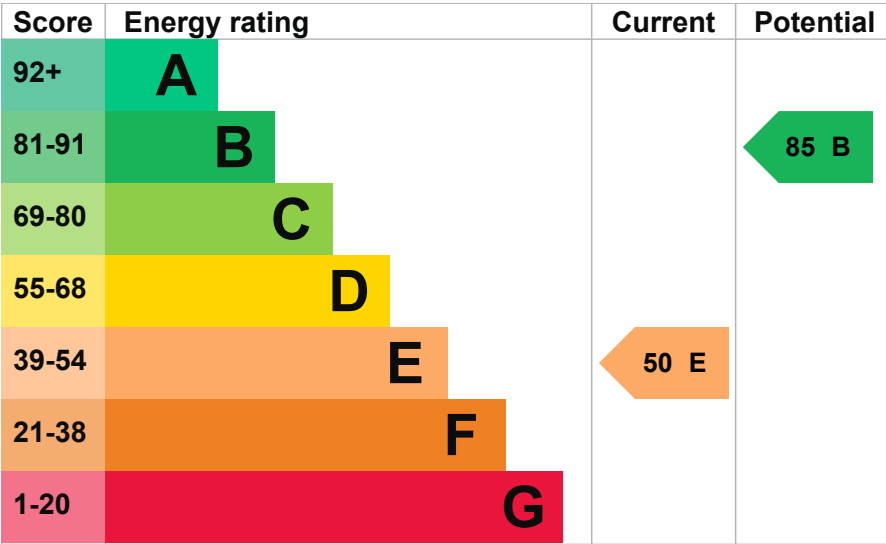
Properties can be let if they have an energy rating from A to E.

You can read [guidance for landlords on the regulations and exemptions \(https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance\)](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 E. 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, as built, no insulation (assumed)	Poor
Roof	Pitched, 100 mm loft insulation	Average
Window	Fully double glazed	Average
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Room thermostat only	Poor
Hot water	From main system, no cylinder thermostat	Poor
Lighting	Low energy lighting in all 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 429 kilowatt hours per square metre (kWh/m<sup>2</sup>).

► [About primary energy use](#)

## Additional information

Additional information about this property:

- Cavity fill is recommended

## How this affects your energy bills

An average household would need to spend **£1,102 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 £534 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2020** 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:

- 10,671 kWh per year for heating
- 3,210 kWh per year for hot water

## Impact on the environment

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

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

An average household produces	6 tonnes of CO <sub>2</sub>
This property produces	5.3 tonnes of CO <sub>2</sub>

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**This property's potential production****1.4 tonnes of CO2**

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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.

# Steps you could take to save energy

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

## Step 1: Increase loft insulation to 270 mm

Typical installation cost £100 - £350

Typical yearly saving £49

Potential rating after completing step 1 **52 E**

## Step 2: Cavity wall insulation

Typical installation cost £500 - £1,500

Typical yearly saving £102

Potential rating after completing steps 1 and 2 **57 D**

## Step 3: Party wall insulation

Typical installation cost £300 - £600

Typical yearly saving £26

Potential rating after completing steps 1 to 3 **58 D**

## Step 4: Floor insulation (solid floor)

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

Typical yearly saving £69

Potential rating after completing steps 1 to 4 **61 D**

## Step 5: Hot water cylinder thermostat

Typical installation cost £200 - £400

Typical yearly saving £73

Potential rating after completing steps 1 to 5 **64 D**

## Step 6: Heating controls (programmer and TRVs)

Typical installation cost £350 - £450

Typical yearly saving £25

**Potential rating after completing steps 1 to 6****65 D****Step 7: Replace boiler with new condensing boiler****Typical installation cost** £2,200 - £3,000**Typical yearly saving** £153**Potential rating after completing steps 1 to 7****72 C****Step 8: Solar water heating****Typical installation cost** £4,000 - £6,000**Typical yearly saving** £38**Potential rating after completing steps 1 to 8****74 C****Step 9: Solar photovoltaic panels, 2.5 kWp****Typical installation cost** £3,500 - £5,500**Typical yearly saving** £343**Potential rating after completing steps 1 to 9****85 B****Help paying for energy improvements**

You might be able to get a grant from the [Boiler Upgrade Scheme \(https://www.gov.uk/apply-boiler-upgrade-scheme\)](https://www.gov.uk/apply-boiler-upgrade-scheme). This will help you buy a more efficient, low carbon heating system for this property.

**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** Joel Davies**Telephone** 07503545959**Email** [joel\\_davies1991@hotmail.com](mailto:joel_davies1991@hotmail.com)**Contacting the accreditation scheme**

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

Accreditation scheme	Stroma Certification Ltd
Assessor's ID	STRO028329
Telephone	0330 124 9660
Email	<a href="mailto:certification@stroma.com">certification@stroma.com</a>

## About this assessment

Assessor's declaration	No related party
Date of assessment	9 October 2020
Date of certificate	12 October 2020
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 \(https://forms.office.com/e/hUnC3Xq1T4\)](https://forms.office.com/e/hUnC3Xq1T4) [Service performance \(/service-performance\)](#)

### OGL

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