

Energy performance certificate (EPC)

Trefrian
Velindre
LLANDYSUL
SA44 5JF

Energy rating

E

Valid until: 28 June 2033

Certificate number: 0266-0200-1807-7188-4214

Property type

Detached bungalow

Total floor area

124 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 current energy rating is E. It has the potential to be C.

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

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		79 C
55-68	D		
39-54	E	49 E	
21-38	F		
1-20	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, filled cavity	Good
Roof	Pitched, 300 mm loft insulation	Very good
Window	Fully double glazed	Average
Main heating	Boiler and radiators, oil	Average
Main heating control	Programmer and room thermostat	Average
Hot water	From main system, no cylinder thermostat	Very poor
Lighting	Low energy lighting in 15% of fixed outlets	Poor
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, electric	N/A

Primary energy use

The primary energy use for this property per year is 254 kilowatt hours per square metre (kWh/m²).

► [About primary energy use](#)

How this affects your energy bills

An average household would need to spend **£2,819 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 £1,109 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2023** 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:

- 11,045 kWh per year for heating
- 7,468 kWh per year for hot water

Impact on the environment

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

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

Carbon emissions

An average household produces

6 tonnes of CO₂

This property produces

7.8 tonnes of CO₂

This property's potential production

3.5 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.

[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

£296

Potential rating after completing step 1

55 D

Step 2: Hot water cylinder insulation

Insulate hot water cylinder with 80 mm jacket

Typical installation cost

£15 - £30

Typical yearly saving

£297

Potential rating after completing steps 1 and 2

61 D

Step 3: Low energy lighting

Typical installation cost

£55

Typical yearly saving

£120

Potential rating after completing steps 1 to 3

63 D

Step 4: Hot water cylinder thermostat

Typical installation cost

£200 - £400

Typical yearly saving

£118

Potential rating after completing steps 1 to 4

65 D

Step 5: Heating controls (thermostatic radiator valves)

Heating controls (TRVs)

Typical installation cost

£350 - £450

Typical yearly saving

£82

Potential rating after completing steps 1 to 5

67 D

Step 6: Replace boiler with new condensing boiler

Typical installation cost

£2,200 - £3,000

Typical yearly saving

£103

Potential rating after completing steps 1 to 6

69 C

Step 7: Solar water heating

Typical installation cost

£4,000 - £6,000

Typical yearly saving

£93

Potential rating after completing steps 1 to 7

71 C

Step 8: Solar photovoltaic panels, 2.5 kWp

Typical installation cost

£3,500 - £5,500

Typical yearly saving

£675

Potential rating after completing steps 1 to 8

79 C

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

Robin Gerard

Telephone

07796 424191

Email

dyfedenergy@gmail.com

Contacting the accreditation scheme

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

Accreditation scheme

Quidos Limited

Assessor's IDQUID200713

Telephone01225 667 570

Emailinfo@quidos.co.uk

About this assessment**Assessor's declaration**No related party

Date of assessment29 June 2023

Date of certificate29 June 2023

Type of assessment [RdSAP](#)

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 dluhc.digital-services@levellingup.gov.uk or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related certificates for this property.