

# Energy performance certificate (EPC)

**!** This certificate is not valid. A new certificate has replaced this one.

See the new certificate by visiting [www.gov.uk/find-energy-certificate](http://www.gov.uk/find-energy-certificate)

## Get help with certificates for this property

If you need help finding the new certificate or if you know of other certificates for this property that are not listed here, contact the Department for Levelling Up, Housing and Communities (DLUHC).

[dluhc.digital-services@levellingup.gov.uk](mailto:dluhc.digital-services@levellingup.gov.uk)  
Telephone: 020 3829 0748

Ael y Bryn ARTHOG LL39 1YT	Energy rating <b>F</b>	Valid until: <b>28 September 2024</b> <hr/> Certificate number: <b>2618-0024-7241-2984-3994</b>
Property type	Detached bungalow	
Total floor area	120 square metres	

## Rules on letting this property

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

This property has an energy rating of F. 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 F. It has the potential to be E.

[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		
39-54	E		54 E
21-38	F	30 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	Timber frame, as built, no insulation (assumed)	Very poor
Wall	Cavity wall, as built, insulated (assumed)	Good
Roof	Pitched, 200 mm loft insulation	Good
Roof	Pitched, insulated (assumed)	Good
Window	Fully double glazed	Average
Main heating	Boiler and radiators, bottled LPG	Poor
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system	Very poor
Lighting	Low energy lighting in 14% of fixed outlets	Poor
Floor	Suspended, no insulation (assumed)	N/A
Floor	Suspended, insulated (assumed)	N/A
Floor	Solid, insulated (assumed)	N/A
Secondary heating	Room heaters, oil	N/A

### Primary energy use

The primary energy use for this property per year is 207 kilowatt hours per square metre (kWh/m<sup>2</sup>).

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## How this affects your energy bills

An average household would need to spend **£2,256 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 £506 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2014** when this EPC was created. People living at the property may use different amounts of energy for heating, hot water and lighting.

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### Heating this property

Estimated energy needed in this property is:

- 14,768 kWh per year for heating
- 2,293 kWh per year for hot water

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### Impact on the environment

This property's 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 (CO<sub>2</sub>) they produce each year.

#### Carbon emissions

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

This property produces 5.6 tonnes of CO<sub>2</sub>

This property's potential production 3.1 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.

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### Changes you could make

Step	Typical installation cost	Typical yearly saving
1. Floor insulation	£800 - £1,200	£178.93
2. Low energy lighting	£60	£34.92
3. Heating controls (room thermostat)	£350 - £450	£89.06
4. Solar water heating	£4,000 - £6,000	£99.68
5. High performance external doors	£500	£104.16

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Step	Typical installation cost	Typical yearly saving
6. Solar photovoltaic panels	£9,000 - £14,000	£250.73
7. Wind turbine	£1,500 - £4,000	£88.43

## 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 by visiting [www.gov.uk/improve-energy-efficiency](http://www.gov.uk/improve-energy-efficiency).

## 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	Robert Tucker
Telephone	01654 712 324
Email	<a href="mailto:rob@epc4u.com">rob@epc4u.com</a>

### 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	STRO004442
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	29 September 2014
Date of certificate	29 September 2014
Type of assessment	<a href="#">RdSAP</a>