# Energy performance certificate (EPC)

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|---|---|---|---|
| Greenfields House<br>CAERSWS<br>SY17 5SF | Energy rating<br>**D** | Valid until: | **14 September 2027** |
| | | Certificate number: | **8293-7921-5240-9394-2996** |

## Property type

Detached house

## Total floor area

158 square metres

### Rules on letting this property

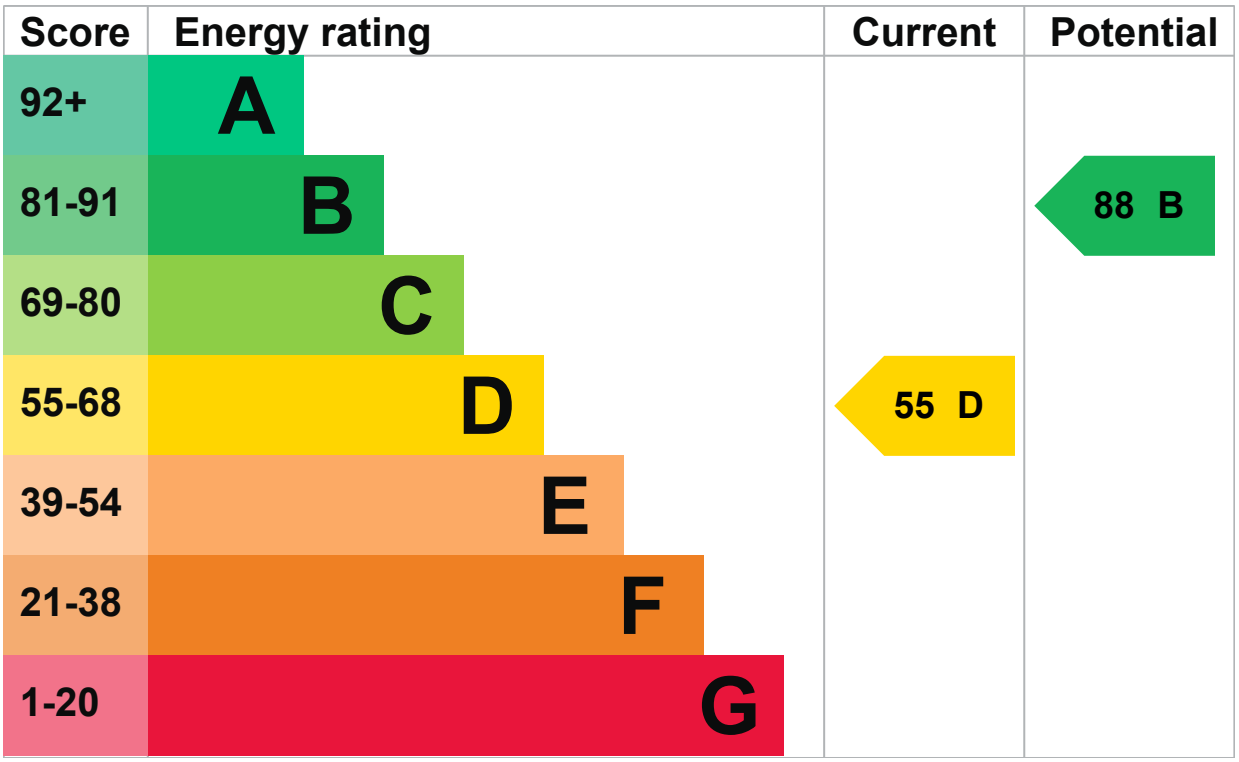
Properties can be let if they have an energy rating from A to E.

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 current 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 | Solid brick, as built, no insulation (assumed) | Poor |
| Wall | Cavity wall, as built, insulated (assumed) | Good |
| Roof | Pitched, 150 mm loft insulation | Good |
| Window | Fully double glazed | Average |
| Main heating | Boiler and radiators, oil | Average |
| Main heating control | Programmer, TRVs and bypass | Average |
| Hot water | From main system | Average |

| Feature | Description | Rating |
|---|---|---|
| Lighting | Low energy lighting in 71% of fixed outlets | Very good |
| Floor | Solid, no insulation (assumed) | N/A |
| Floor | Solid, limited insulation (assumed) | N/A |
| Secondary heating | Room heaters, electric | N/A |

# Primary energy use

The primary energy use for this property per year is 224 kilowatt hours per square metre (kWh/m2).

▶ About primary energy use

### How this affects your energy bills

An average household would need to spend **£1,392 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 £383 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2017** 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:

- 19,486 kWh per year for heating
- 3,076 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 B.

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

8.7 tonnes of CO2

## This property's potential production

3.4 tonnes of CO2

You could improve this property's $CO_2$ 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: Increase loft insulation to 270 mm

**Typical installation cost**

£100 - £350

**Typical yearly saving**

£30

**Potential rating after completing step 1**

**56 D**

## Step 2: Internal or external wall insulation

**Typical installation cost**

£4,000 - £14,000

**Typical yearly saving**

£208

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

**63 D**

## Step 3: Floor insulation (solid floor)

**Typical installation cost**

£4,000 - £6,000

**Typical yearly saving**

£72

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

**65 D**

## Step 4: Heating controls (room thermostat)

**Typical installation cost**

£350 - £450

**Typical yearly saving**

£42

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

67 D

## Step 5: Solar water heating

**Typical installation cost**

£4,000 - £6,000

**Typical yearly saving**

£32

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

68 D

## Step 6: Solar photovoltaic panels, 2.5 kWp

**Typical installation cost**

£5,000 - £8,000

**Typical yearly saving**

£270

**Potential rating after completing steps 1 to 6**

75 C

## Step 7: Wind turbine

**Typical installation cost**

£15,000 - £25,000

### Typical yearly saving

£561

### Potential rating after completing steps 1 to 7

88 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). 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

Stephen Allen

### Telephone

07806935494

### Email

s.allen@nrgsurveyors.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

Stroma Certification Ltd

### Assessor's ID

STRO008087

### Telephone

0330 124 9660

**Email**
certification@stroma.com

## About this assessment

### Assessor's declaration
No related party

### Date of assessment
14 September 2017

### Date of certificate
15 September 2017

### 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.