

# Energy performance certificate (EPC)

28 Brickendon Green Brickendon HERTFORD SG13 8PB	Energy rating <b>E</b>	Valid until: <b>15 October 2032</b> Certificate number: <b>4190-4242-0422-2297-3023</b>
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## Property type

Semi-detached house

## Total floor area

65 square metres

## Rules on letting this property

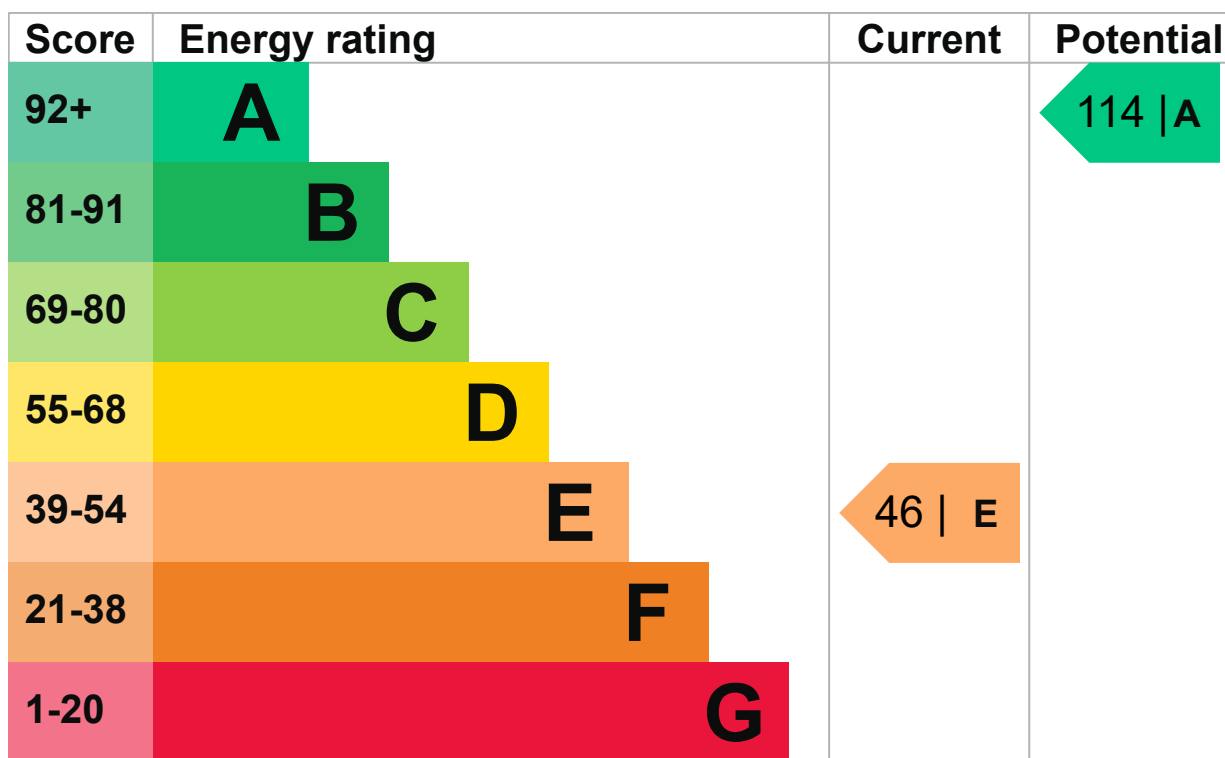
Properties can be let if they have an energy rating from A to E.

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 efficiency rating for this property

This property's current energy rating is E. It has the potential to be A.

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



The graph shows this property's current and potential energy efficiency.

Properties are given a rating from A (most efficient) to G (least efficient).

Properties are also given a score. The higher the number the lower your fuel 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

This section shows the energy performance for features of this property. The assessment does not consider the condition of a feature and how well it is working.

Each feature is assessed as one of the following:

- very good (most efficient)
- good
- average
- poor
- very poor (least efficient)

When the description says "assumed", it means that the feature could not be inspected and an assumption has been made based on the property's age and type.

Feature	Description	Rating
Wall	Solid brick, as built, no insulation (assumed)	Very poor
Roof	Pitched, 250 mm loft insulation	Good
Window	Fully double glazed	Good

Feature	Description	Rating
Main heating	Boiler and radiators, oil	Average
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system	Average
Lighting	Low energy lighting in all fixed outlets	Very good
Floor	Suspended, no insulation (assumed)	N/A
Secondary heating	None	N/A

## Primary energy use

The primary energy use for this property per year is 294 kilowatt hours per square metre (kWh/m<sup>2</sup>).

► [What is primary energy use?](#)

### Environmental impact of this property

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

Properties are rated in a scale from A to G based on how much carbon dioxide (CO<sub>2</sub>) they produce.

Properties with an A rating produce less CO<sub>2</sub> than G rated properties.

### An average household produces

6 tonnes of CO<sub>2</sub>

### This property produces

5.0 tonnes of CO<sub>2</sub>

### This property's potential production

-0.7 tonnes of CO<sub>2</sub>

By making the [recommended changes](#), you could reduce this property's CO<sub>2</sub> emissions by 5.7 tonnes per year. This will help to protect the environment.

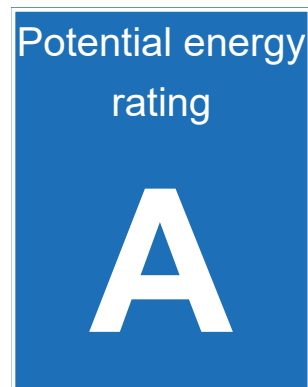
Environmental impact ratings are based on assumptions about average occupancy and energy use. They may not reflect how energy is consumed by the people living at the property.

## Improve this property's energy performance

By following our step by step recommendations you could reduce this property's energy use and potentially save money.

Carrying out these changes in order will improve the property's energy rating and score from E (46) to A (114).

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



### Step 1: Internal or external wall insulation

Internal or external wall insulation

#### Typical installation cost

£4,000 - £14,000

#### Typical yearly saving

£236

#### Potential rating after completing step 1

63 | D

### Step 2: Floor insulation (suspended floor)

Floor insulation (suspended floor)

#### Typical installation cost

£800 - £1,200

#### Typical yearly saving

£51

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

67 | D

### Step 3: Hot water cylinder insulation

Add additional 80 mm jacket to hot water cylinder

#### Typical installation cost

£15 - £30

Typical yearly saving

£11

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Potential rating after completing steps 1 to 3

68 | D

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## Step 4: Heating controls (room thermostat)

Heating controls (room thermostat)

Typical installation cost

£350 - £450

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Typical yearly saving

£39

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Potential rating after completing steps 1 to 4

70 | C

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## Step 5: Replace boiler with new condensing boiler

Condensing boiler

Typical installation cost

£2,200 - £3,000

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Typical yearly saving

£56

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Potential rating after completing steps 1 to 5

74 | C

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## Step 6: Solar water heating

Solar water heating

Typical installation cost

£4,000 - £6,000

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Typical yearly saving

£41

Potential rating after completing steps 1 to 6

77 | C

## Step 7: Solar photovoltaic panels, 2.5 kWp

Solar photovoltaic panels

Typical installation cost

£3,500 - £5,500

Typical yearly saving

£374

Potential rating after completing steps 1 to 7

89 | B

## Step 8: Wind turbine

Wind turbine

Typical installation cost

£15,000 - £25,000

Typical yearly saving

£730

Potential rating after completing steps 1 to 8

114 | A

## Paying for energy improvements

You might be able to get a grant from the [Boiler Upgrade Scheme \(https://www.gov.uk/guidance/check-if-you-may-be-eligible-for-the-boiler-upgrade-scheme-from-april-2022\)](https://www.gov.uk/guidance/check-if-you-may-be-eligible-for-the-boiler-upgrade-scheme-from-april-2022). This will help you buy a more efficient, low carbon heating system for this property.

[Find energy grants and ways to save energy in your home \(https://www.gov.uk/improve-energy-efficiency\)](https://www.gov.uk/improve-energy-efficiency).

Estimated energy use and potential savings

## Estimated yearly energy cost for this property

£807

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## Potential saving

£433

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The estimated cost shows how much the average household would spend in this property for heating, lighting and hot water. It is not based on how energy is used by the people living at the property.

The potential saving shows how much money you could save if you [complete each recommended step in order](#).

For advice on how to reduce your energy bills visit [Simple Energy Advice \(https://www.gov.uk/improve-energy-efficiency\)](https://www.gov.uk/improve-energy-efficiency).

## Heating use in this property

Heating a property usually makes up the majority of energy costs.

### Estimated energy used to heat this property

Type of heating	Estimated energy used
Space heating	9021 kWh per year
Water heating	2675 kWh per year

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### Potential energy savings by installing insulation

Type of insulation	Amount of energy saved
Solid wall insulation	4131 kWh per year

### Contacting the assessor and accreditation scheme

This EPC was created by a qualified energy assessor.

If you are unhappy about your property's energy assessment or certificate, you can complain to the assessor directly.

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

Accreditation schemes are appointed by the government to ensure that assessors are qualified to carry out EPC assessments.

## Assessor contact details

### Assessor's name

Simon Whittle

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### Telephone

07771370540

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### Email

[alphaassessors@aol.com](mailto:alphaassessors@aol.com)

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# Accreditation scheme contact details

## Accreditation scheme

Elmhurst Energy Systems Ltd

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## Assessor ID

EES/019114

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## Telephone

01455 883 250

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## Email

[enquiries@elmhurstenergy.co.uk](mailto:enquiries@elmhurstenergy.co.uk)

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# Assessment details

## Assessor's declaration

No related party

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## Date of assessment

14 October 2022

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## Date of certificate

16 October 2022

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## Type of assessment

▶ [RdSAP](#)

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

## Certificate number

[0878-1046-7281-5681-8990 \(/energy-certificate/0878-1046-7281-5681-8990\)](#)

## Valid until

2 September 2029

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## Certificate number

[8918-7826-5480-9865-6926 \(/energy-certificate/8918-7826-5480-9865-6926\)](#)



**Valid until**

25 June 2028

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