

# Energy performance certificate (EPC)

Red Lion Cottage Hundon Road Barnardiston HAVERHILL CB9 7TJ	Energy rating <b>E</b>	Valid until: <b>7 August 2033</b>
		Certificate number: <b>0350-2140-2230-2727-4825</b>

Property type	Detached house
Total floor area	269 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 D.

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

Score	Energy rating	Current	Potential
92+	<b>A</b>		
81-91	<b>B</b>		
69-80	<b>C</b>		
55-68	<b>D</b>		64 D
39-54	<b>E</b>	48 E	
21-38	<b>F</b>		
1-20	<b>G</b>		

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	Solid brick, as built, no insulation (assumed)	Poor
Wall	Timber frame, as built, insulated (assumed)	Very good
Roof	Pitched, 100 mm loft insulation	Average
Roof	Pitched, 200 mm loft insulation	Good
Roof	Roof room(s), no insulation (assumed)	Very poor
Window	Partial double glazing	Average
Main heating	Boiler and radiators, oil	Average
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system	Average
Lighting	Low energy lighting in all fixed outlets	Very good
Floor	Suspended, no insulation (assumed)	N/A
Floor	Solid, no insulation (assumed)	N/A
Floor	Solid, insulated (assumed)	N/A
Secondary heating	Room heaters, dual fuel (mineral and wood)	N/A

## Primary energy use

The primary energy use for this property per year is 214 kilowatt hours per square metre (kWh/m<sup>2</sup>).

▶ [About primary energy use](#)

## How this affects your energy bills

An average household would need to spend **£4,139 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 £813 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:

- 38,550 kWh per year for heating
- 3,039 kWh per year for hot water

## Impact on the environment

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

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

<b>An average household produces</b>	6 tonnes of CO2
<b>This property produces</b>	15.0 tonnes of CO2
<b>This property's potential production</b>	11.0 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.

# Steps you could take to save energy

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

---

## Step 1: Room-in-roof insulation

Typical installation cost £1,500 - £2,700

Typical yearly saving £333

Potential rating after completing step 1 **53 E**

---

## Step 2: Internal or external wall insulation

Typical installation cost £4,000 - £14,000

Typical yearly saving £124

Potential rating after completing steps 1 and 2 **54 E**

---

## Step 3: Replace boiler with new condensing boiler

Typical installation cost £2,200 - £3,000

Typical yearly saving £179

Potential rating after completing steps 1 to 3 **57 D**

---

## Step 4: Solar water heating

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

Typical yearly saving £82

Potential rating after completing steps 1 to 4 **58 D**

---

## Step 5: Double glazed windows

Replace single glazed windows with low-E double glazed windows

Typical installation cost £3,300 - £6,500

Typical yearly saving £94

Potential rating after completing steps 1 to 5 **59 D**

---

## Step 6: Solar photovoltaic panels, 2.5 kWp

Typical installation cost £3,500 - £5,500

---

---

Typical yearly saving

£681

---

Potential rating after completing steps 1 to 6

64 D

---

## Advice on making energy saving improvements

[Get detailed recommendations and cost estimates](#)

## Help paying for energy saving improvements

You may be eligible for help with the cost of improvements:

- Insulation: [Great British Insulation Scheme](#)
- Heat pumps and biomass boilers: [Boiler Upgrade Scheme](#)
- Help from your energy supplier: [Energy Company Obligation](#)

## 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	Philip Reid
Telephone	07939579068
Email	<a href="mailto:phil.reid@hotmail.co.uk">phil.reid@hotmail.co.uk</a>

### Contacting the accreditation scheme

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

Accreditation scheme	Elmhurst Energy Systems Ltd
Assessor's ID	EES/018285
Telephone	01455 883 250
Email	<a href="mailto:enquiries@elmhurstenergy.co.uk">enquiries@elmhurstenergy.co.uk</a>

### About this assessment

Assessor's declaration	No related party
Date of assessment	20 July 2023
Date of certificate	8 August 2023
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).

**Certificate number**

[8407-2336-1320-2696-4613 \(/energy-certificate/8407-2336-1320-2696-4613\)](#)

**Expired on**

16 June 2019

---

[Help \(/help\)](#) [Accessibility \(/accessibility-statement\)](#) [Cookies \(/cookies\)](#)

[Give feedback \(https://forms.office.com/e/KX25htGMX5\)](https://forms.office.com/e/KX25htGMX5) [Service performance \(/service-performance\)](#)

**OGI**

All content is available under the [Open Government Licence v3.0](#)

(<https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/>), except where otherwise stated



[ht \(https://www.nationalarchives.gov.uk/information-management/re-using-public-sector-information/uk-government-licensing-frameworkor](https://www.nationalarchives.gov.uk/information-management/re-using-public-sector-information/uk-government-licensing-frameworkor)