

# Energy performance certificate (EPC)

34 Blackacre Road Theydon Bois EPPING CM16 7LU	Energy rating <b>D</b>	Valid until: <b>23 November 2035</b>
		Certificate number: <b>9414-3055-9002-0499-9396</b>

**Property type** Detached house

**Total floor area** 181 square metres

## Rules on letting this property

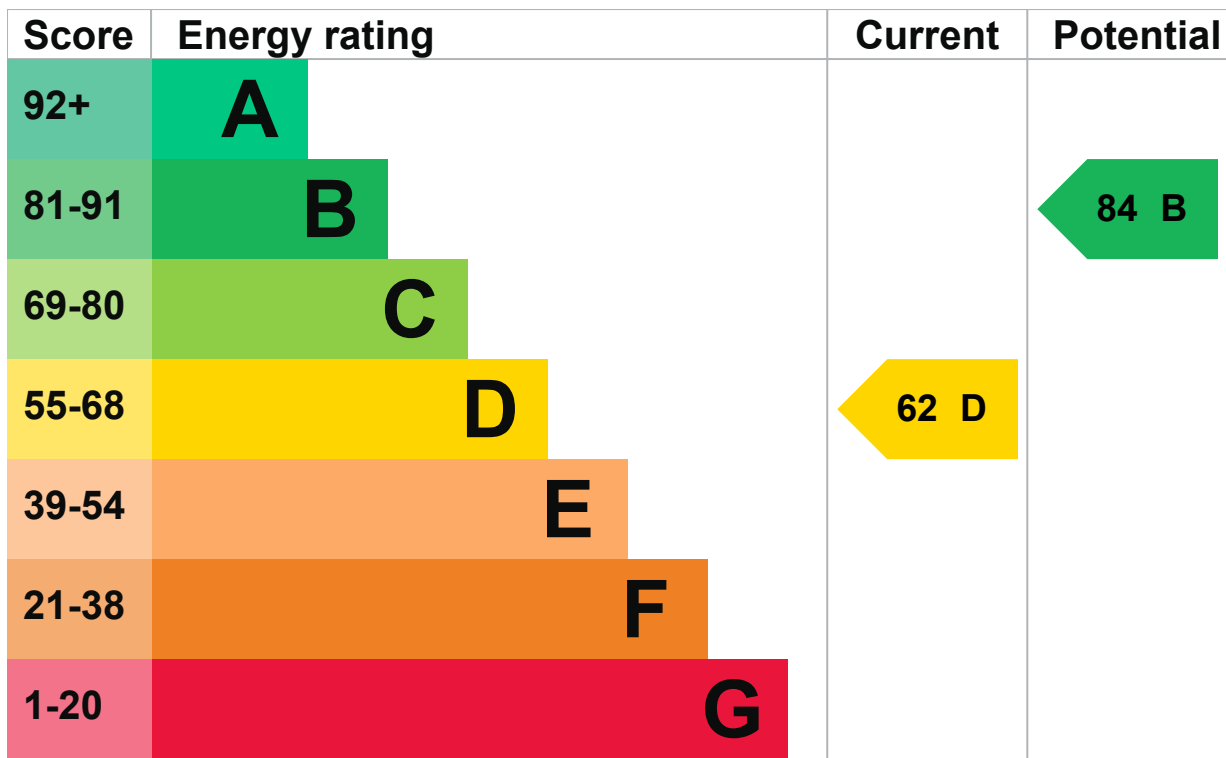
Properties can be let if they have an energy rating from A to E.

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 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)	Very poor
Roof	Pitched, insulated (assumed)	Average
Roof	Flat, limited insulation	Very poor
Window	Fully double glazed	Average

Feature	Description	Rating
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system	Good
Lighting	Good lighting efficiency	Good
Floor	Solid, no insulation (assumed)	N/A
Floor	Suspended, no insulation (assumed)	N/A
Air tightness	(not tested)	N/A
Secondary heating	None	N/A

## Primary energy use

The primary energy use for this property per year is 229 kilowatt hours per square metre (kWh/m<sup>2</sup>).

► [About primary energy use](#)

## Smart meters

This property had **smart meters for gas and electricity** when it was assessed.

Smart meters help you understand your energy use and how you could save money. They may help you access better energy deals.

[Find out about using your smart meter \(https://www.smartenergygb.org/using-your-smart-meter\)](https://www.smartenergygb.org/using-your-smart-meter)

## How this affects your energy bills

An average household would need to spend **£2,593 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 £1,174 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2025** 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:

- 29,392 kWh per year for heating

- 2,380 kWh per year for hot water

## 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

<b>An average household produces</b>	6 tonnes of CO <sub>2</sub>
<b>This property produces</b>	7.6 tonnes of CO <sub>2</sub>
<b>This property's potential production</b>	3.6 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.

# Steps you could take to save energy

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

## Step 1: Flat roof or sloping ceiling insulation

Typical installation cost £900 - £1,200

Typical yearly saving £257

Potential rating after completing step 1

65 D

## Step 2: Internal wall insulation

Typical installation cost £7,500 - £11,000

Typical yearly saving £777

Potential rating after completing steps 1 and 2

76 C

## Step 3: Floor insulation (suspended floor)

Typical installation cost £5,000 - £10,000

Typical yearly saving £67

Potential rating after completing steps 1 to 3

77 C

## Step 4: Floor insulation (solid floor)

Typical installation cost £5,000 - £10,000

Typical yearly saving £73

Potential rating after completing steps 1 to 4

78 C

## Step 5: Solar photovoltaic panels, 2.5 kWp

Typical installation cost £8,000 - £10,000

Typical yearly saving £308

Potential rating after completing steps 1 to 5

84 B

## 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:

- Free energy saving improvements: [Warm Homes Local Grant \(WHLG\)](#)
- 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** Callum Brazier

**Telephone** 07931349994

**Email** [info@callummartinenergy.com](mailto:info@callummartinenergy.com)

### Contacting the accreditation scheme

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

**Accreditation scheme** Qidos Limited

**Assessor's ID** QUID208771

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<b>Telephone</b>	01225 667 570
<b>Email</b>	<a href="mailto:info@quidos.co.uk">info@quidos.co.uk</a>

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## About this assessment

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<b>Assessor's declaration</b>	No related party
<b>Date of assessment</b>	14 November 2025
<b>Date of certificate</b>	24 November 2025
<b>Type of assessment</b>	▶ <a href="#">RdSAP</a>

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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 [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).

There are no related certificates for this property.



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

[Give feedback \(https://forms.office.com/e/KX25htGMX5\)](https://forms.office.com/e/KX25htGMX5)

[Service performance \(/service-performance\)](#)

**OGL**

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