

# Energy performance certificate (EPC)

11, Hornbeam Close Theydon Bois EPPING CM16 7JT	Energy rating <b>E</b>	Valid until: <b>18 July 2028</b>
		Certificate number: <b>8178-7423-2220-4683-1992</b>

**Property type** Semi-detached bungalow

**Total floor area** 99 square metres

## Rules on letting this property

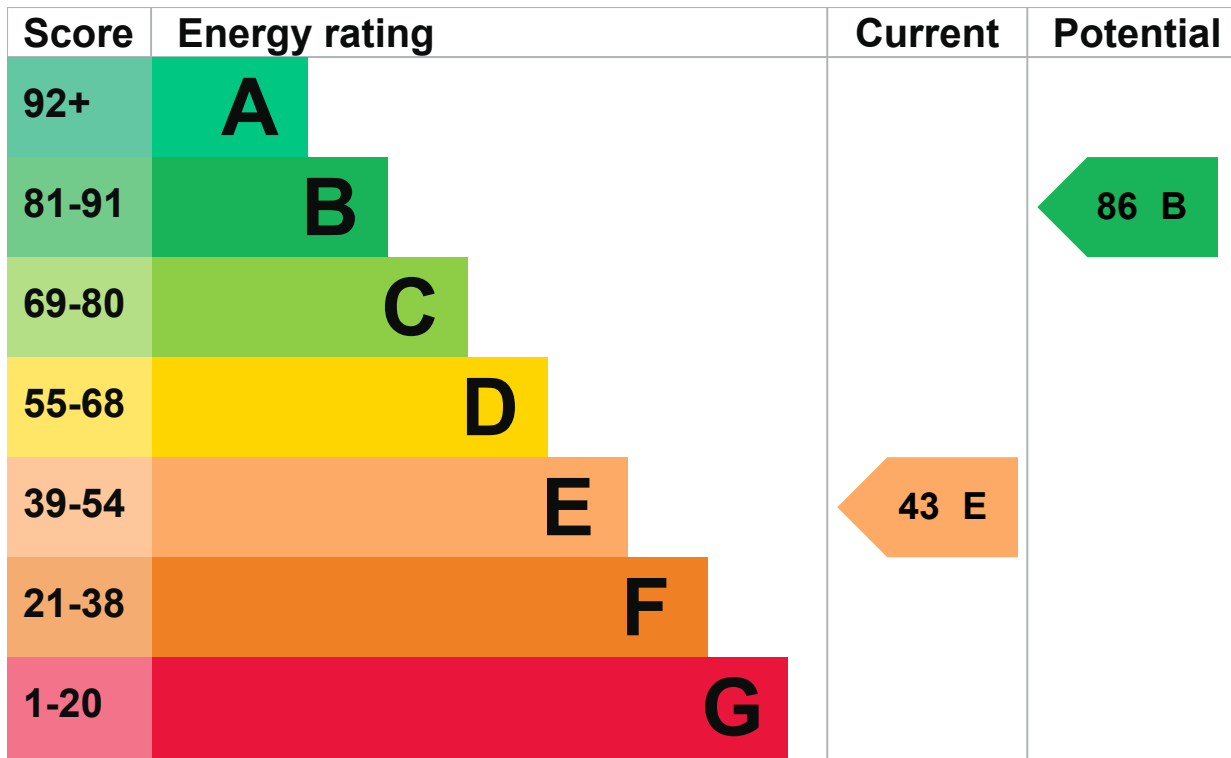
Properties can be let if they have an energy rating from A to E.

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 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	Cavity wall, filled cavity	Average
Roof	Pitched, 100 mm loft insulation	Average
Roof	Roof room(s), no insulation (assumed)	Very poor
Window	Fully double glazed	Average

Feature	Description	Rating
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Room thermostat only	Poor
Hot water	From main system, no cylinder thermostat	Poor
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 435 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 **£1,520 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 £931 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2018** 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:

- 15,988 kWh per year for heating
- 4,481 kWh per year for hot water

## Impact on the environment

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

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>	7.6 tonnes of CO2
<b>This property's potential production</b>	1.6 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: Increase loft insulation to 270 mm

Typical installation cost £100 - £350

---

Typical yearly saving £28

---

Potential rating after completing step 1 **44 E**

---

## Step 2: Room-in-roof insulation

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

---

Typical yearly saving £433

---

Potential rating after completing steps 1 and 2 **60 D**

---

## Step 3: Floor insulation (suspended floor)

Typical installation cost £800 - £1,200

---

Typical yearly saving £96

---

Potential rating after completing steps 1 to 3 **63 D**

---

## Step 4: Hot water cylinder insulation

Increase hot water cylinder insulation

Typical installation cost £15 - £30

---

Typical yearly saving £46

---

---

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

**65 D**

---

## Step 5: Hot water cylinder thermostat

Typical installation cost

£200 - £400

Typical yearly saving

£83

---

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

**68 D**

---

## Step 6: Heating controls (programmer and TRVs)

Typical installation cost

£350 - £450

Typical yearly saving

£28

---

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

**69 C**

---

## Step 7: Replace boiler with new condensing boiler

Typical installation cost

£2,200 - £3,000

Typical yearly saving

£175

---

**Potential rating after completing steps 1 to 7**

**75 C**

---

## Step 8: Solar water heating

Typical installation cost

£4,000 - £6,000

Typical yearly saving

£41

---

**Potential rating after completing steps 1 to 8**

**77 C**

---

## Step 9: Solar photovoltaic panels, 2.5 kWp

Typical installation cost £5,000 - £8,000

Typical yearly saving £301

Potential rating after completing steps 1 to 9

86 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	Alex Skinner
Telephone	07963 526825
Email	<a href="mailto:alex@londonpropertyassessments.co.uk">alex@londonpropertyassessments.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/002740

---

<b>Telephone</b>	01455 883 250
<b>Email</b>	<a href="mailto:enquiries@elmhurstenergy.co.uk">enquiries@elmhurstenergy.co.uk</a>

---

## About this assessment

---

<b>Assessor's declaration</b>	No related party
<b>Date of assessment</b>	17 July 2018
<b>Date of certificate</b>	19 July 2018
<b>Type of assessment</b>	▶ <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).

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**

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



---

© Crown copyright (<https://www.nationalarchives.gov.uk/information-management/re-using-public-sector-information/uk-government-licensing-framework/crown-copyright/>)