Energy performance certificate (EPC)

17 Church Lane BRAINTREE CM7 5SE	Energy rating	Valid until:	18 April 2034
	D	Certificate number:	2134-0024-8300-0683- 7296
Property type	I	Detached house	
Total floor area		127 square metres	

Rules on letting this property

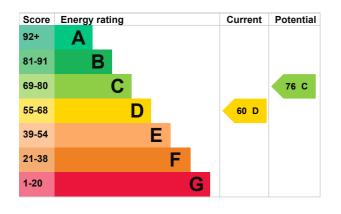
Properties can be let if they have an energy rating from A to E.

You can read <u>guidance for landlords on the regulations and exemptions</u> (<u>https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance</u>).

Energy rating and score

This property's energy rating is D. It has the potential to be C.

<u>See how to improve this property's energy</u> <u>efficiency</u>.



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, limited insulation (assumed)	Very poor
Window	Multiple glazing throughout	Average
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, TRVs and bypass	Average
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	Room heaters, wood logs	N/A

Low and zero carbon energy sources

Low and zero carbon energy sources release very little or no CO2. Installing these sources may help reduce energy bills as well as cutting carbon emissions. The following low or zero carbon energy sources are installed in this property:

- · Biomass secondary heating
- Solar photovoltaics

Primary energy use

The primary energy use for this property per year is 280 kilowatt hours per square metre (kWh/m2).

How this affects your energy bills

An average household would need to spend **£2,829 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 £1,041 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2024** 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:

- 15,446 kWh per year for heating
- 3,870 kWh per year for hot water

Impact on the envir	onment	This property produces	5.9 tonnes of CO2
This property's environmer E. It has the potential to be		This property's potential production	3.0 tonnes of CO2
Properties get a rating from (worst) on how much carbo they produce each year.	· · ·	You could improve this pre emissions by making the This will help to protect th	suggested changes.
Carbon emissions		These ratings are based of about average occupancy	/ and energy use.
An average household produces	6 tonnes of CO2	People living at the prope amounts of energy.	rty may use different

Changes you could make

Step	Typical installation cost	Typical yearly saving
1. Floor insulation (suspended floor)	£800 - £1,200	£204
2. Add additional 80 mm jacket to hot water cylinder	£15 - £30	£35
3. Condensing boiler	£2,200 - £3,000	£716
4. Solar water heating	£4,000 - £6,000	£86

Help paying for energy improvements

You might be able to get a grant from the <u>Boiler Upgrade Scheme (https://www.gov.uk/apply-boiler-upgrade-scheme)</u>. 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 by visiting www.gov.uk/improve-energy-efficiency

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	Mark Tingley
Telephone	07967 182554
Email	essexepcs@gmail.com

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/020103
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	17 April 2024
Date of certificate	19 April 2024
Type of assessment	RdSAP