# Energy performance certificate (EPC)

Gean Trees
The Causeway
Great Horkesley
COLCHESTER
CO6 4EJ

Energy rating
Valid until:

23 August 2027

Certificate number: 2648-7045-7238-3303-6914

Property type Detached house

Total floor area 173 square metres

# Rules on letting this property

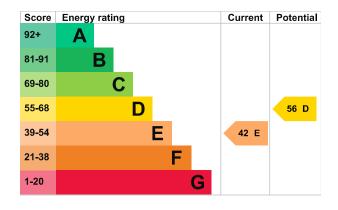
Properties can be let if they have an energy rating from A to E.

You can read <u>guidance for landlords on the regulations and exemptions</u> (<a href="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</a>).

## **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.



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	Good
Roof	Pitched, no insulation (assumed)	Very poor
Window	Fully double glazed	Average
Main heating	Boiler and radiators, oil	Average
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system, no cylinder thermostat	Poor
Lighting	No low energy lighting	Very poor
Floor	Suspended, no insulation (assumed)	N/A
Secondary heating	Room heaters, coal	N/A

#### Primary energy use

The primary energy use for this property per year is 251 kilowatt hours per square metre (kWh/m2).

# How this affects your energy bills

An average household would need to spend £1,646 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 £260 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2017** 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:

- 23,526 kWh per year for heating
- 3,902 kWh per year for hot water

# Impact on the environment

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

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO2) they produce each year.

### **Carbon emissions**

An average household produces

6 tonnes of CO2

This property produces	12.0 tonnes of CO2		
This property's potential production	9.6 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.

# Changes you could make

Step	Typical installation cost	Typical yearly saving
1. Flat roof or sloping ceiling insulation	£850 - £1,500	£35
2. Floor insulation (suspended floor)	£800 - £1,200	083
3. Low energy lighting	£115	£75
4. Solar water heating	£4,000 - £6,000	£70
5. Solar photovoltaic panels	£5,000 - £8,000	£295

#### 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	Steven Robinson
Telephone	08450945192
Email	epcquery@vibrantenergymatters.co.uk

## Contacting the accreditation scheme

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

ECMK	
ECMK300354	
0333 123 1418	
info@ecmk.co.uk	
No related party	
24 August 2017	
24 August 2017	
RdSAP	
	ECMK300354 0333 123 1418 info@ecmk.co.uk  No related party 24 August 2017 24 August 2017