Energy performance certificate (EPC)		
Orchard House Bekesbourne Lane CANTERBURY CT3 4AB	Energy rating	Valid until: <b>19 August 2025</b> Certificate number: <b>0535-3888-7531-9425-9655</b>
Property type		Detached house
Total floor area		248 square metres

# Rules on letting this property

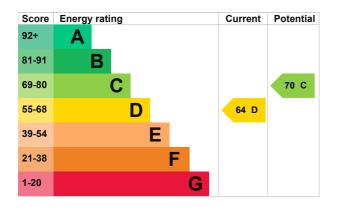
Properties can be let if they have an energy rating from A to E.

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.

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
Walls	Average thermal transmittance 0.89 W/m²K	Average
Roof	Average thermal transmittance 0.18 W/m²K	Good
Floor	Average thermal transmittance 0.18 W/m²K	Very good
Windows	Partial double glazing	Good
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
Secondary heating	Room heaters, wood logs	N/A
Air tightness	(not tested)	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

#### Primary energy use

The primary energy use for this property per year is 132 kilowatt hours per square metre (kWh/m2).

## How this affects your energy bills

An average household would need to spend £1,601 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 £67 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2015** 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:

- 22,541 kWh per year for heating
- 2,556 kWh per year for hot water

Impact on the envir	ronment	This property produces	7.7 tonnes of CO2
This property's environmer D. It has the potential to be		This property's potential production	6.3 tonnes of CO2
Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO2) they produce each year.		You could improve this property's CO2 emissions by making the suggested changes. This will help to protect the environment.	
Carbon emissions		These ratings are based about average occupancy	/ and energy use.
An average household produces	6 tonnes of CO2	People living at the property may use diffe amounts of energy.	rty may use different

## Changes you could make

Step	Typical installation cost	Typical yearly saving
1. Solar water heating	£4,000 - £6,000	£66
2. Solar photovoltaic panels	£5,000 - £8,000	£293

### 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	Andrew Simpson
Telephone	01227 781 335
Email	premierassessors@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	Stroma Certification Ltd
Assessor's ID	STRO005087
Telephone	0330 124 9660
Email	certification@stroma.com

### About this assessment

Assessor's declaration	No related party
Date of assessment	28 July 2015
Date of certificate	20 August 2015
Type of assessment	SAP