

Energy performance certificate (EPC)

Orchard House
Woodhouses
Great Orton
CARLISLE
CA5 6LN

Energy rating

E

Valid until:

16 September 2035

Certificate number:

0370-2579-1510-2605-3441

Property type

Semi-detached house

Total floor area

143 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 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

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		79 C
55-68	D		
39-54	E	42 E	
21-38	F		
1-20	G		

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	Cob, as built	Average
Wall	Sandstone, as built, no insulation (assumed)	Very poor
Wall	Cavity wall, as built, no insulation (assumed)	Poor
Roof	Pitched, insulated (assumed)	Average
Roof	Pitched, no insulation	Very poor
Roof	Roof room(s), no insulation (assumed)	Very poor
Window	Partial double glazing	Very poor
Main heating	Boiler and radiators, oil	Average
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system	Average
Lighting	Below average lighting efficiency	Poor
Floor	Solid, no insulation (assumed)	N/A
Air tightness	(not tested)	N/A
Secondary heating	Room heaters, electric	N/A

Primary energy use

The primary energy use for this property per year is 261 kilowatt hours per square metre (kWh/m²).

Additional information

Additional information about this property:

- Cavity fill is recommended
- Stone walls present, not insulated
- Dwelling may be exposed to wind-driven rain

Smart meters

This property had **no smart meters** 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 how to get a smart meter \(https://www.smartenergygb.org/\)](https://www.smartenergygb.org/)

How this affects your energy bills

An average household would need to spend **£3,033 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 £1,177 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:

- 21,407 kWh per year for heating
 - 2,987 kWh per year for hot water
-

Impact on the environment

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

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 8.7 tonnes of CO₂

This property's potential production 4.8 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

Step	Typical installation cost	Typical yearly saving
1. Increase loft insulation to 270 mm	£900 - £1,200	£266
2. Cavity wall insulation	£900 - £1,500	£58
3. Internal wall insulation	£7,500 - £11,000	£380
4. Floor insulation (solid floor)	£5,000 - £10,000	£153
5. Low energy lighting	£240 - £280	£73
6. Heating controls (room thermostat)	£220 - £250	£104
7. Condensing boiler	£2,200 - £3,500	£82
8. Replace single glazed windows with low-E double glazed windows	£4,500 - £6,000	£62
9. Solar photovoltaic panels	£8,000 - £10,000	£248
10. Wind turbine	£5,000 - £20,000	£712

Advice on making energy saving improvements

[Get detailed recommendations and cost estimates \(www.gov.uk/improve-energy-efficiency\)](http://www.gov.uk/improve-energy-efficiency)

Help paying for energy saving improvements

You may be eligible for help with the cost of improvements:

- Insulation: [Great British Insulation Scheme \(www.gov.uk/apply-great-british-insulation-scheme\)](http://www.gov.uk/apply-great-british-insulation-scheme)
- Heat pumps and biomass boilers: [Boiler Upgrade Scheme \(www.gov.uk/apply-boiler-upgrade-scheme\)](http://www.gov.uk/apply-boiler-upgrade-scheme)

- Help from your energy supplier: [Energy Company Obligation \(www.gov.uk/energy-company-obligation\)](http://www.gov.uk/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	Geoffrey Wilson
Telephone	07918916068
Email	homeepc@yahoo.co.uk

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/008946
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	1 September 2025
Date of certificate	17 September 2025
Type of assessment	RdSAP
