

# Energy performance certificate (EPC)

Earls Croft  
Dyers End  
Stambourne  
HALSTEAD  
CO9 4NE

Energy rating

E

Valid until:

6 April 2027

Certificate number:

8753-6827-4480-9701-3922

Property type

Detached house

Total floor area

160 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 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

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		
55-68	D		68 D
39-54	E	47 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	Timber frame, as built, no insulation (assumed)	Very poor
Wall	Cavity wall, filled cavity	Good
Roof	Pitched, 100 mm loft insulation	Average
Window	Partial double glazing	Poor
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 45% of fixed outlets	Good
Floor	Solid, 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 240 kilowatt hours per square metre (kWh/m2).

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## How this affects your energy bills

An average household would need to spend **£1,504 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 £423 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.

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## Heating this property

Estimated energy needed in this property is:

- 21,436 kWh per year for heating
- 3,166 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 (CO<sub>2</sub>) they produce each year.

### Carbon emissions

An average household produces 6 tonnes of CO<sub>2</sub>

This property produces 11.0 tonnes of CO<sub>2</sub>

This property's potential production 6.9 tonnes of CO<sub>2</sub>

You could improve this property's CO<sub>2</sub> 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	£100 - £350	£41
2. Internal or external wall insulation	£4,000 - £14,000	£32
3. Floor insulation (solid floor)	£4,000 - £6,000	£94
4. Draught proofing	£80 - £120	£29
5. Low energy lighting	£60	£38
6. Condensing boiler	£2,200 - £3,000	£67
7. Solar water heating	£4,000 - £6,000	£46
8. Replace single glazed windows with low-E double glazed windows	£3,300 - £6,500	£78
9. Solar photovoltaic panels	£5,000 - £8,000	£289

### 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)

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## 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	Philip Reid
Telephone	0
Email	<a href="mailto:phil.reid@hotmail.co.uk">phil.reid@hotmail.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/018285
Telephone	01455 883 250
Email	<a href="mailto:enquiries@elmhurstenergy.co.uk">enquiries@elmhurstenergy.co.uk</a>

### About this assessment

Assessor's declaration	No related party
Date of assessment	29 March 2017
Date of certificate	7 April 2017
Type of assessment	<a href="#">RdSAP</a>

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