

Energy performance certificate (EPC)

Howgill Lodge Orton PENRITH CA10 3RE	Energy rating E	Valid until: 18 September 2026 Certificate number: 8666-7221-4190-6705-9996
---	---------------------------	--

Property type	Detached bungalow
Total floor area	94 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 A.

[See how to improve this property's energy efficiency.](#)

Score	Energy rating	Current	Potential
92+	A		98 A
81-91	B		
69-80	C		
55-68	D		
39-54	E	43 E	
21-38	F		
1-20	G		

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	Granite or whinstone, as built, no insulation (assumed)	Very poor
Wall	Cavity wall, as built, insulated (assumed)	Good
Roof	Pitched, 300 mm loft insulation	Very good
Roof	Roof room(s), insulated (assumed)	Good
Window	Fully double glazed	Average
Main heating	Boiler and radiators, oil	Poor
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system	Poor
Lighting	Low energy lighting in 75% of fixed outlets	Very good
Floor	Solid, no insulation (assumed)	N/A
Floor	Solid, limited insulation (assumed)	N/A
Secondary heating	None	N/A

Primary energy use

The primary energy use for this property per year is 332 kilowatt hours per square metre (kWh/m²).

► [About primary energy use](#)

Additional information

Additional information about this property:

- Stone walls present, not insulated

How this affects your energy bills

An average household would need to spend **£1,301 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 £589 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2016** 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:

- 15,062 kWh per year for heating
- 2,207 kWh per year for hot water

Impact on the environment

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

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	8.2 tonnes of CO2
This property's potential production	1.6 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

► [Do I need to follow these steps in order?](#)

Step 1: Internal or external wall insulation

Typical installation cost	£4,000 - £14,000
---------------------------	------------------

Typical yearly saving	£264
-----------------------	------

Potential rating after completing step 1
--

54 E

Step 2: Floor insulation (solid floor)

Typical installation cost	£4,000 - £6,000
---------------------------	-----------------

Typical yearly saving	£82
-----------------------	-----

Potential rating after completing steps 1 and 2

58 D

Step 3: Heating controls (room thermostat)

Typical installation cost	£350 - £450
---------------------------	-------------

Typical yearly saving	£59
-----------------------	-----

Potential rating after completing steps 1 to 3
--

61 D

Step 4: Replace boiler with new condensing boiler

Typical installation cost	£2,200 - £3,000
---------------------------	-----------------

Typical yearly saving	£125
-----------------------	------

Potential rating after completing steps 1 to 4
--

66 D

Step 5: Solar water heating

Typical installation cost	£4,000 - £6,000
---------------------------	-----------------

Typical yearly saving	£37
-----------------------	-----

Potential rating after completing steps 1 to 5
--

68 D

Step 6: High performance external doors

Typical installation cost	£1,500
---------------------------	--------

Typical yearly saving	£22
-----------------------	-----

Potential rating after completing steps 1 to 6

69 C

Step 7: Solar photovoltaic panels, 2.5 kWp

Typical installation cost

£5,000 - £8,000

Typical yearly saving

£264

Potential rating after completing steps 1 to 7

79 C

Step 8: Wind turbine

Typical installation cost

£15,000 - £25,000

Typical yearly saving

£552

Potential rating after completing steps 1 to 8

98 A

Help paying for energy improvements

You might be able to get a grant from the [Boiler Upgrade Scheme \(https://www.gov.uk/apply-boiler-upgrade-scheme\)](https://www.gov.uk/apply-boiler-upgrade-scheme). 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](#)

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

Gary Gibson

Telephone

01524 220013

Email

energy@etsos.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

NHER

Assessor's ID

NHER009299

Telephone

01455 883 250

Email

enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	15 September 2016
Date of certificate	19 September 2016
Type of assessment	► RdSAP

Other certificates for this property

If you are aware of previous certificates for this property and they are not listed here, please contact us at dluhc.digital-services@levellingup.gov.uk or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related certificates for this property.

[Help \(/help\)](#) [Accessibility \(/accessibility-statement\)](#) [Cookies \(/cookies\)](#)

[Give feedback \(https://forms.office.com/e/hUnC3Xq1T4\)](https://forms.office.com/e/hUnC3Xq1T4) [Service performance \(/service-performance\)](#)

OGL

All content is available under the [Open Government Licence v3.0 \(https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/\)](https://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/), except where otherwise stated



[ht \(https://www.nationalarchives.gov.uk/information-management/re-using-public-sector-information/uk-government-licensing-framework/\)](https://www.nationalarchives.gov.uk/information-management/re-using-public-sector-information/uk-government-licensing-framework/)