

# Energy performance certificate (EPC)

Embla Gew  
Nancledra  
PENZANCE  
TR20 8LL

Energy rating

**E**

Valid until: **21 June 2033**

Certificate number: **6837-6125-2200-0860-7272**

Property type **Detached house**

Total floor area **260 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 current 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             |         | 78 C      |
| 55-68 | D             |         |           |
| 39-54 | E             | 53 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                 | Granite or whinstone, as built, no insulation (assumed) | Very poor |
| Wall                 | Cavity wall, as built, insulated (assumed)              | Good      |
| Roof                 | Pitched, 100 mm loft insulation                         | Average   |
| Roof                 | Pitched, insulated (assumed)                            | Good      |
| Roof                 | Roof room(s), insulated (assumed)                       | Good      |
| Window               | Fully double glazed                                     | Good      |
| Main heating         | Boiler and radiators, oil                               | Average   |
| Main heating control | Programmer, TRVs and bypass                             | Average   |
| Hot water            | From main system  | Average   |
| Lighting             | Low energy lighting in 14% of fixed outlets             | Poor      |
| Floor                | Solid, no insulation (assumed)                          | N/A       |
| Floor                | Solid, insulated (assumed)                              | N/A       |
| Secondary heating    | None  | N/A       |

## Primary energy use

The primary energy use for this property per year is 163 kilowatt hours per square metre (kWh/m<sup>2</sup>).

## Additional information

Additional information about this property:

- Stone walls present, not insulated
  - Dwelling may be exposed to wind-driven rain
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## How this affects your energy bills

An average household would need to spend **£3,632 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 £991 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2023** 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:

- 26,347 kWh per year for heating
- 3,034 kWh per year for hot water

### Saving energy by installing insulation

Energy you could save:

- 518 kWh per year from loft insulation
- 5,106 kWh per year from solid wall insulation

### More ways to save energy

Find ways to save energy in your home by visiting [www.gov.uk/improve-energy-efficiency](https://www.gov.uk/improve-energy-efficiency).

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## Environmental impact of this property

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

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

### Carbon emissions

An average household produces 6 tonnes of CO2

This property produces 11.0 tonnes of CO2

This property's potential production is 5.2 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.

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## Changes you could make

| Step                                    | Typical installation cost | Typical yearly saving |
|---|---------------------------|-----------------------|
| 1. Internal or external wall insulation | £4,000 - £14,000          | £523                  |
| 2. Low energy lighting                  | £160                      | £188                  |
| 3. Heating controls (room thermostat)   | £350 - £450               | £165                  |
| 4. Solar water heating                  | £4,000 - £6,000           | £115                  |
| 5. Solar photovoltaic panels            | £3,500 - £5,500           | £751                  |
| 6. Wind turbine                         | £15,000 - £25,000         | £1,318                |

### 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.

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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 | Andrew Nunn  |
| Telephone       | 01872 870800   |
| Email           | <a href="mailto:aadnunn@btinternet.com">aadnunn@btinternet.com</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/012361   |
| 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     | 30 May 2023           |
| Date of certificate    | 22 June 2023          |
| Type of assessment     | <a href="#">RdSAP</a> |

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