

# Energy performance certificate (EPC)

44, Rowan Glynn  
MAGHERA  
BT46 5FG

Energy rating

**B**

Valid until: **21 November 2026**

Certificate number: **9066-0839-6699-7952-9922**

Property type

Detached house

Total floor area

137 square metres

## Energy efficiency rating for this property

This property's current energy rating is B. It has the potential to be B.

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

| Score | Energy rating | Current       | Potential     |
|-------|---------------|---------------|---------------|
| 92+   | <b>A</b>      |               |               |
| 81-91 | <b>B</b>      | 84   <b>B</b> | 84   <b>B</b> |
| 69-80 | <b>C</b>      |               |               |
| 55-68 | <b>D</b>      |               |               |
| 39-54 | <b>E</b>      |               |               |
| 21-38 | <b>F</b>      |               |               |
| 1-20  | <b>G</b>      |               |               |

The graph shows this property's current and potential energy efficiency.

Properties are given a rating from A (most efficient) to G (least efficient).

Properties are also given a score. The higher the number the lower your fuel bills are likely to be.

For properties in Northern Ireland:

the average energy rating is D  
the average energy score is 60

## Breakdown of property's energy performance

This section shows the energy performance for features of this property. The assessment does not consider the condition of a feature and how well it is working.

Each feature is assessed as one of the following:

- very good (most efficient)
- good
- average
- poor
- very poor (least efficient)

When the description says "assumed", it means that the feature could not be inspected and an assumption has been made based on the property's age and type.

| Feature              | Description   | Rating    |
|----------------------|---|-----------|
| Walls                | Average thermal transmittance 0.25 W/m <sup>2</sup> K             | Very good |
| Roof                 | Average thermal transmittance 0.13 W/m <sup>2</sup> K             | Very good |
| Floor                | Average thermal transmittance 0.15 W/m <sup>2</sup> K             | Very good |
| Windows              | High performance glazing  | Very good |
| Main heating         | Boiler and radiators, oil   | Good      |
| Main heating control | Time and temperature zone control                                 | Very good |
| Hot water            | From main system  | Average   |
| Lighting             | Low energy lighting in all fixed outlets                          | Very good |
| Air tightness        | Air permeability 3.1 m <sup>3</sup> /h.m <sup>2</sup> (as tested) | Good      |
| Secondary heating    | Room heaters, wood logs   | N/A       |

### Low and zero carbon energy sources

Low and zero carbon energy sources release very little or no CO<sub>2</sub>. 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 85 kilowatt hours per square metre (kWh/m<sup>2</sup>).

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## Environmental impact of this property

This property produces 2.6 tonnes of CO2

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

This property's potential production 2.6 tonnes of CO2

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Properties are rated in a scale from A to G based on how much carbon dioxide (CO2) they produce.

By making the [recommended changes](#), you could reduce this property's CO2 emissions by 0.0 tonnes per year. This will help to protect the environment.

Properties with an A rating produce less CO2 than G rated properties.

Environmental impact ratings are based on assumptions about average occupancy and energy use. They may not reflect how energy is consumed by the people living at the property.

An average household produces 6 tonnes of CO2

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## How to improve this property's energy performance

Making any of the recommended changes will improve this property's energy efficiency.

If you make all of the recommended changes, this will improve the property's energy rating and score from B (84) to B (84).

| Recommendation               | Typical installation cost | Typical yearly saving |
|------------------------------|---------------------------|-----------------------|
| 1. Solar water heating       | £4,000 - £6,000           | £50                   |
| 2. Solar photovoltaic panels | £9,000 - £14,000          | £265                  |

## Paying for energy improvements

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

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## Estimated energy use and potential savings

|  |      |
|--|------|
| Estimated yearly energy cost for this property | £519 |
|--|------|

|                  |    |
|------------------|----|
| Potential saving | £0 |
|------------------|----|

The estimated cost shows how much the average household would spend in this property for heating, lighting and hot water. It is not based on how energy is used by the people living at the property.

The estimated saving is based on making all of the recommendations in [how to improve this property's energy performance](#).

### Heating use in this property

Heating a property usually makes up the majority of energy costs.

### Potential energy savings by installing insulation

The assessor did not find any opportunities to save energy by installing insulation in this property.

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## Contacting the assessor and accreditation scheme

This EPC was created by a qualified energy assessor.

If you are unhappy about your property's energy assessment or certificate, you can complain to the assessor directly.

If you are still unhappy after contacting the assessor, you should contact the assessor's accreditation scheme.

Accreditation schemes are appointed by the government to ensure that assessors are qualified to carry out EPC assessments.

### Assessor contact details

Assessor's name

Michael Berryman

Telephone

08700 850490

Email

[enquiries@elmhurstenergy.co.uk](mailto:enquiries@elmhurstenergy.co.uk)

### Accreditation scheme contact details

Accreditation scheme

Elmhurst Energy Systems Ltd

Assessor ID

EES/005776

Telephone

01455 883 250

Email

[enquiries@elmhurstenergy.co.uk](mailto:enquiries@elmhurstenergy.co.uk)

### Assessment details

Assessor's declaration

No related party

Date of assessment

22 November 2016

Date of certificate

22 November 2016

Type of assessment

[SAP](#)