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# Energy performance certificate (EPC)

16 Cairn Grove LARNE BT40 1UA	Energy rating <b>D</b>	Valid until: <b>21 May 2036</b>
		Certificate number: <b>2010-7345-0160-0505-2821</b>

## Property type

Semi-detached house

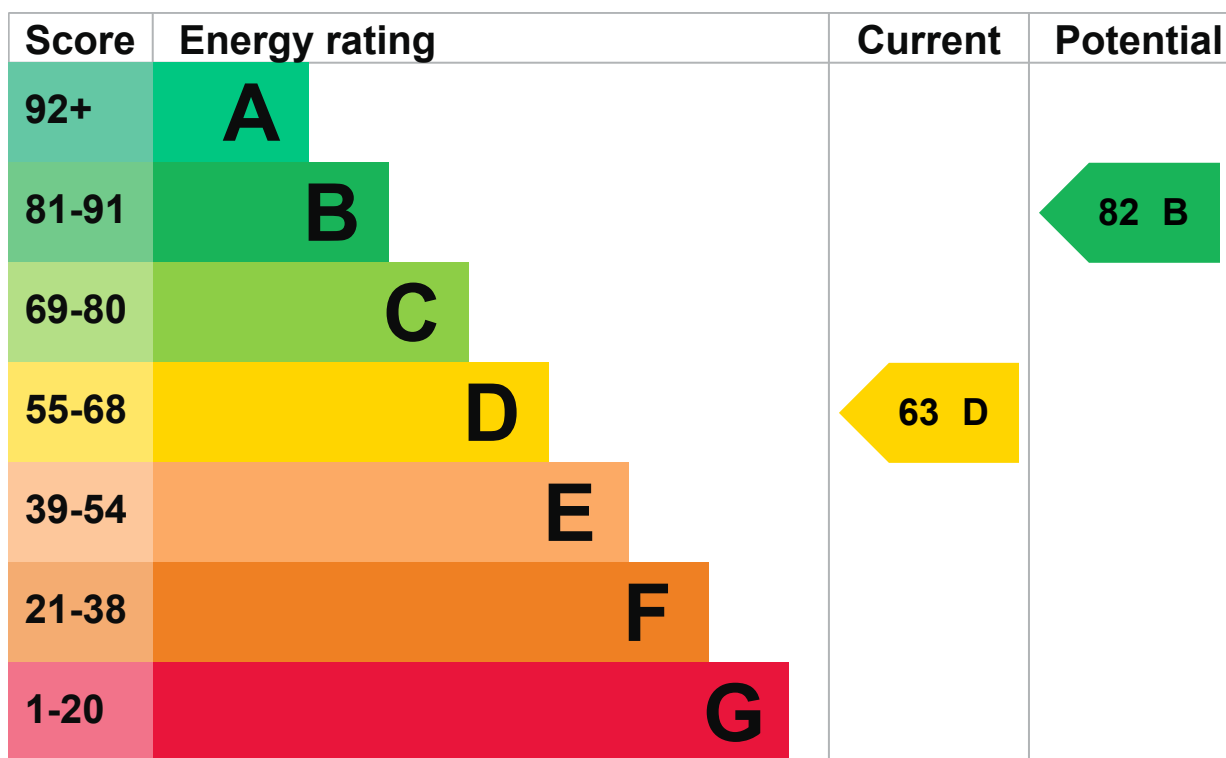
## Total floor area

86 square metres

## Energy rating and score

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

[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 Northern Ireland:

- 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	Cavity wall, filled cavity	Good
Roof	Pitched, 300 mm loft insulation	Very good
Window	Fully double glazed	Average
Main heating	Boiler and radiators, oil	Average
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system, no cylinder thermostat	Poor

Feature	Description	Rating
Lighting	Below average lighting efficiency	Poor
Floor	Suspended, no insulation (assumed)	N/A
Air tightness	(not tested)	N/A
Secondary heating	None	N/A

## Primary energy use

The primary energy use for this property per year is 206 kilowatt hours per square metre (kWh/m<sup>2</sup>).

► [About primary energy use](#)

## 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 **£1,381 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 £281 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2026** 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:

- 7,214 kWh per year for heating
- 4,405 kWh per year for hot water

## Impact on the environment

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

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 CO2

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**This property produces**

4.2 tonnes of CO2

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**This property's potential production**

2.9 tonnes of CO2

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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

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

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## Step 1: Floor insulation (suspended floor)

Typical installation cost

£5,000 - £10,000

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Typical yearly saving

£82

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Potential rating after completing step 1

**66 D**

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## Step 2: Hot water cylinder insulation

Increase hot water cylinder insulation

Typical installation cost

£20 - £40

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Typical yearly saving

£56

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Potential rating after completing steps 1 and 2

**67 D**

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## Step 3: Hot water cylinder thermostat

Typical installation cost

£130 - £180

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Typical yearly saving

£43

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Potential rating after completing steps 1 to 3

**69 C**

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## Step 4: Heating controls (room thermostat)

Typical installation cost

£220 - £250

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Typical yearly saving

£60

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Potential rating after completing steps 1 to 4

70 C

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## Step 5: Solar water heating

Typical installation cost

£4,000 - £7,000

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Typical yearly saving

£40

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Potential rating after completing steps 1 to 5

72 C

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## Step 6: Solar photovoltaic panels, 2.5 kWp

Typical installation cost

£8,000 - £10,000

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Typical yearly saving

£271

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Potential rating after completing steps 1 to 6

82 B

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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

Oliver Clark

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### Telephone

07951464282

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### Email

[oliverclark105@outlook.com](mailto:oliverclark105@outlook.com)

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## Contacting the accreditation scheme

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

### Accreditation scheme

Quidos Limited

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### Assessor's ID

QUID210128

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### Telephone

01225 667 570

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### Email

[info@quidos.co.uk](mailto:info@quidos.co.uk)

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## About this assessment

### Assessor's declaration

No related party

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### Date of assessment

22 May 2026

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### Date of certificate

22 May 2026

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## Type of assessment

▶ [RdSAP](#)

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# 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 [mhclg.digital-services@communities.gov.uk](mailto:mhclg.digital-services@communities.gov.uk) or call our helpdesk on 020 3829 0748 (Monday to Friday, 9am to 5pm).

There are no related certificates for this property.



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## OGI

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