

# Energy performance certificate (EPC)

135, Mussenden Road Castlerock COLERAINE BT51 4TX	Energy rating	Valid until:	8 October 2028
	<b>E</b>	Certificate number:	0219-9915-0240-7208-2944

Property type	Semi-detached house
Total floor area	106 square metres

## 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.](#)

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		
55-68	D		64 D
39-54	E	45 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 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	Average
Roof	Pitched, insulated at rafters	Average
Roof	Flat, no insulation (assumed)	Very poor
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, no cylinder thermostat	Very poor
Lighting	Low energy lighting in 91% of fixed outlets	Very good
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, dual fuel (mineral and wood)	N/A

## Primary energy use

The primary energy use for this property per year is 282 kilowatt hours per square metre (kWh/m<sup>2</sup>).

► [About primary energy use](#)

## How this affects your energy bills

An average household would need to spend **£1,093 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 £345 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2018** when this EPC was created. People living at the property may use different amounts of energy for heating, hot water and lighting.

## Impact on the environment

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

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

<b>An average household produces</b>	6 tonnes of CO <sub>2</sub>
<b>This property produces</b>	7.7 tonnes of CO <sub>2</sub>
<b>This property's potential production</b>	5.1 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.

# Changes you could make

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

## Step 1: Hot water cylinder insulation

Add additional 80 mm jacket to hot water cylinder

Typical installation cost £15 - £30

Typical yearly saving £12

Potential rating after completing step 1 **46 E**

## Step 2: Hot water cylinder thermostat

Typical installation cost £200 - £400

Typical yearly saving £19

Potential rating after completing steps 1 and 2 **47 E**

## Step 3: Heating controls (room thermostat)

Typical installation cost £350 - £450

Typical yearly saving £70

Potential rating after completing steps 1 to 3 **51 E**

## Step 4: Flat roof or sloping ceiling insulation

Typical installation cost £850 - £1,500

Typical yearly saving £48

Potential rating after completing steps 1 to 4 **53 E**

## Step 5: Heat recovery system for mixer showers

Typical installation cost £585 - £725

Typical yearly saving £21

Potential rating after completing steps 1 to 5 **55 D**

## Step 6: Replace boiler with new condensing boiler

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

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Typical yearly saving	£176
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Potential rating after completing steps 1 to 6	<b>64 D</b>
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### Step 7: Floor insulation (solid floor)

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Typical installation cost	£4,000 - £6,000
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Typical yearly saving	£43
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Potential rating after completing steps 1 to 7	<b>66 D</b>
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### Step 8: Solar water heating

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Typical installation cost	£4,000 - £6,000
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Typical yearly saving	£30
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Potential rating after completing steps 1 to 8	<b>68 D</b>
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### Step 9: Solar photovoltaic panels, 2.5 kWp

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Typical installation cost	£5,000 - £8,000
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Typical yearly saving	£268
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Potential rating after completing steps 1 to 9	<b>77 C</b>
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### Step 10: Wind turbine

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Typical installation cost	£15,000 - £25,000
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Typical yearly saving	£592
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Potential rating after completing steps 1 to 10	<b>95 A</b>
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## 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.

## 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.

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Assessor's name	Steven Doherty
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Telephone	07810 870229
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**Email** [ecoepcs@gmail.com](mailto:ecoepcs@gmail.com)

## Contacting the accreditation scheme

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

<b>Accreditation scheme</b>	Elmhurst Energy Systems Ltd
<b>Assessor's ID</b>	EES/019317
<b>Telephone</b>	01455 883 250
<b>Email</b>	<a href="mailto:enquiries@elmhurstenergy.co.uk">enquiries@elmhurstenergy.co.uk</a>

## About this assessment

<b>Assessor's declaration</b>	No related party
<b>Date of assessment</b>	9 October 2018
<b>Date of certificate</b>	9 October 2018
<b>Type of assessment</b>	▶ <a href="#">RdSAP</a>

## 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](mailto: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 \(/service-performance\)](#)

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