# Energy performance certificate (EPC)



#### **Property type**

Detached house

#### **Total floor area**

333 square metres

#### Rules on letting this property

Properties can be rented if they have an energy rating from A to E.

If the property is rated F or G, it cannot be let, unless an exemption has been registered. You can read <u>guidance for landlords</u> <u>on the regulations and exemptions (https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance)</u>.

#### Energy efficiency rating for this property

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

See how to improve this property's energy performance.

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

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.

The average energy rating and score for a property in England and Wales are D (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
Wall	Cavity wall, as built, insulated (assumed)	Very good
Roof	Pitched, 300 mm loft insulation	Very good
Window	Fully double glazed	Good
Main heating	Air source heat pump, underfloor, electric	Poor
Main heating control	Time and temperature zone control	Very good

Feature	Description	Rating
Hot water	From main system	Poor
Lighting	Low energy lighting in 77% of fixed outlets	Very good
Floor	Suspended, insulated (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 133 kilowatt hours per square metre (kWh/m2).

#### What is primary energy use?

#### Environmental impact of this property

One of the biggest contributors to climate change is carbon dioxide (CO2). The energy used for heating, lighting and power in our homes produces over a quarter of the UK's CO2 emissions.

#### An average household produces

#### This property produces

7.5 tonnes of CO2

6 tonnes of CO2

#### This property's potential production

4.4 tonnes of CO2

By making the <u>recommended changes</u>, you could reduce this property's CO2 emissions by 3.1 tonnes per year. This will help to protect the environment.

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.

# How to improve this property's energy performance Making any of the recommended changes will improve this property's energy efficiency. Potential energy If you make all of the recommended changes, this will improve the property's energy rating and score from C (69) to B (81). rating What is an energy rating? **Recommendation 1: Solar water heating** Solar water heating Typical installation cost £4,000 - £6,000 Typical yearly saving £77 Potential rating after carrying out recommendation 1 70 | C Recommendation 2: Solar photovoltaic panels, 2.5 kWp Solar photovoltaic panels Typical installation cost £5,000 - £8,000 Typical yearly saving £279 Potential rating after carrying out recommendations 1 and 2 74 | C **Recommendation 3: Wind turbine** Wind turbine Typical installation cost £15,000 - £25,000

Typical yearly saving

# Paying for energy improvements

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

Estimated energy use and potential savings

#### Estimated yearly energy cost for this property

#### **Potential saving**

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.

For advice on how to reduce your energy bills visit Simple Energy Advice (https://www.simpleenergyadvice.org.uk/).

# Heating use in this property

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

#### Estimated energy used to heat this property

#### Space heating

20924 kWh per year

#### Water heating

2428 kWh per year

#### Potential energy savings by installing insulation

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

You might be able to receive <u>Renewable Heat Incentive payments (https://www.gov.uk/domestic-renewable-heat-incentive)</u>. This will help to reduce carbon emissions by replacing your existing heating system with one that generates renewable heat. The estimated energy required for space and water heating will form the basis of the payments.

#### 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.

# 81 | B

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£76

£2240

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

Gareth Hughes

#### Telephone

01244 534772

#### Email

gareth@qsduk.com

# Accreditation scheme contact details

Accreditation scheme Elmhurst Energy Systems Ltd

#### Assessor ID

EES/016501

#### Telephone

01455 883 250

#### Email

enquiries@elmhurstenergy.co.uk

### **Assessment details**

Assessor's declaration No related party

#### Date of assessment

6 January 2017

Date of certificate

22 January 2017

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 <u>mhclg.digital-</u><u>services@communities.gov.uk</u>, or call our helpdesk on 020 3829 0748.

#### Certificate number

8107-6522-9979-5813-0992 (/energy-certificate/8107-6522-9979-5813-0992)

#### Valid until

16 December 2023

#### Certificate number

0768-0990-6272-9387-5954 (/energy-certificate/0768-0990-6272-9387-5954)

## Valid until

5 December 2023

#### **Certificate number**

9168-0090-6275-9782-5950 (/energy-certificate/9168-0090-6275-9782-5950)

#### Valid until

17 May 2022