

# Energy performance certificate (EPC)

1, Jessel Drive  
LOUGHTON  
IG10 2EX

Energy rating

D

Valid until 12 June 2030

Certificate number

9028-8085-6286-4530-0254

Property type

Semi-detached house

Total floor area

98 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 [guidance for landlords on 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 efficiency rating for this property

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

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

Score	Energy rating	Current	Potential
92+	A		
81-91	B		83   B
69-80	C		
55-68	D	65   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, no insulation (assumed)	Poor
Wall	Cavity wall, as built, insulated (assumed)	Good
Roof	Pitched, 150 mm loft insulation	Good
Roof	Flat, insulated (assumed)	Average
Window	Fully double glazed	Average
Heating	Boiler and radiators, mains gas	Good
Heating control	Programmer and room thermostat	Average
Hot water	From main system	Good
Lighting	Low energy lighting in 67% of fixed outlets	Good
Floor	Solid, no insulation (assumed)	N/A
Floor	Solid, limited insulation (assumed)	N/A
Secondary heating	None	N/A

## Primary energy use

The primary energy use for this property per year is 238 kilowatt hours per square metre (kWh/m<sup>2</sup>).

[What is primary energy use?](#)

## Environmental impact of this property

One of the biggest contributors to climate change is carbon dioxide (CO<sub>2</sub>). The energy used for heating, lighting and power in homes produces over a quarter of the UK's CO<sub>2</sub> emissions.

For an average household	6 tonnes of CO <sub>2</sub>
This property produces	4.1 tonnes of CO <sub>2</sub>
This property's potential reduction	1.8 tonnes of CO <sub>2</sub>

By making the [recommended changes](#), you could reduce this property's CO<sub>2</sub> emissions by 2.3 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.

If you make all of the recommended changes, this will improve the property's energy rating and score from D (65) to B (83).

[What is an energy rating?](#)

**Recommendation 1: Cavity wall insulation**

Cavity wall insulation

**Typical installation cost**

£500 - £1,500

**Typical yearly saving**

£126

**Potential rating after carrying out recommendation 1**

**Recommendation 2: Floor insulation (solid floor)**

Floor insulation (solid floor)

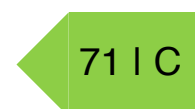
**Typical installation cost**

£4,000 - £6,000

**Typical yearly saving**

£44

**Potential rating after carrying out recommendations 1 and 2**

**Recommendation 3: Low energy lighting**

Low energy lighting

**Typical installation cost**

£15

**Typical yearly saving**

£22

**Potential rating after carrying out**

**Recommendations 1 to 3**72 | C**Recommendation 4: Heating controls (thermostatic radiator valves)**

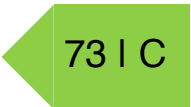
Heating controls (TRVs)

**Typical installation cost**

£350 - £450

**Typical yearly saving**

£26

**Potential rating after carrying out recommendations 1 to 4**73 | C**Recommendation 5: Solar water heating**

Solar water heating

**Typical installation cost**

£4,000 - £6,000

**Typical yearly saving**

£30

**Potential rating after carrying out recommendations 1 to 5**74 | C**Recommendation 6: Solar photovoltaic panels, 2.5 kWp**


Solar photovoltaic panels

**Typical installation cost**

£3,500 - £5,500

**Typical yearly saving**

£332

**Potential rating after carrying out recommendations 1 to 6**83 | B

# aying for energy improvements

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

## stimated energy use and potential savings

**stimated yearly energy cost for this  
roperty**

£903

**otential saving**

£248

The estimated cost shows how much the average household would spend in this property for heating, lighting and hot water. It is 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 \(https://www.simpleenergyadvice.org.uk/\)](https://www.simpleenergyadvice.org.uk/).

## heating use in this property

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

## stimated energy used to heat this property

**pace heating**

13515 kWh per year

**Water heating**

2063 kWh per year

## otential energy savings by installing insulation

**pe of insulation**

**Amount of energy saved**

**ft insulation**

253 kWh per year

**avity wall insulation**

2909 kWh per year

You might be able to receive [Renewable Heat Incentive payments \(https://www.gov.uk/domestic-renewable-heat-incentive\)](https://www.gov.uk/domestic-renewable-heat-incentive). 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.

## ontacting 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	Caroline Hall
Telephone	07940203463
Email	<a href="mailto:info@epcessex.co.uk">info@epcessex.co.uk</a>

## Accreditation scheme contact details

Accreditation scheme	Elmhurst Energy Systems Ltd
Assessor ID	EES/020153
Telephone	01455 883 250
Email	<a href="mailto:enquiries@elmhurstenergy.co.uk">enquiries@elmhurstenergy.co.uk</a>

## Assessment details

Assessor's declaration	No related party
Date of assessment	12 June 2020
Date of certificate	13 June 2020
Type of assessment	► <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 [mhclg.digital-services@communities.gov.uk](mailto:mhclg.digital-services@communities.gov.uk), or call our helpdesk on 020 3829 0748.

There are no related certificates for this property.