

Energy performance certificate (EPC)

55, Southern Drive
LOUGHTON
IG10 3BX

Energy rating

D

Valid until

24 October 2024

Certificate number

8699-8352-4929-3427-0043

Property type

Mid-terrace house

Total floor area

78 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		84 B
69-80	C		
55-68	D	55 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.

For properties in England and Wales:

- 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	Solid brick, as built, no insulation (assumed)	Very poor
Walls	Solid brick, as built, insulated (assumed)	Good
Roof	Pitched, 200 mm loft insulation	Good
Floor	Flat, insulated (assumed)	Average
Windows	Mostly double glazing	Average
Central heating	Boiler and radiators, mains gas	Good
Central heating control	Programmer, TRVs and bypass	Average
Hot water	From main system	Average
Lighting	No low energy lighting	Very poor
Basement	Suspended, no insulation (assumed)	N/A
Ground floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, mains gas	N/A

Primary energy use

The primary energy use for this property per year is 292 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 homes produces over a quarter of the UK’s CO₂ emissions.

For an average household	6 tonnes of CO ₂
This property produces	4.4 tonnes of CO ₂
This property’s potential reduction	1.3 tonnes of CO ₂

making the [recommended changes](#), 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.

If you make all of the recommended changes, this will improve the property's energy rating and score from D (55) to B (84).

[What is an energy rating?](#)



Recommendation 1: Internal or external wall insulation

Internal or external wall insulation

Typical installation cost

£4,000 - £14,000

Typical yearly saving

£118

Potential rating after carrying out recommendation 1

60 | D

Recommendation 2: Floor insulation

Floor insulation

Typical installation cost

£800 - £1,200

Typical yearly saving

£58

Potential rating after carrying out recommendations 1 and 2

63 | D

Recommendation 3: Low energy lighting

Low energy lighting

Typical installation cost

£70

Typical yearly saving

£39

Potential rating after carrying out recommendations 1 to 3

64 | D

Recommendation 4: Heating controls (room thermostat)

Heating controls (room thermostat)

Typical installation cost

£350 - £450

Typical yearly saving

£51

Potential rating after carrying out recommendations 1 to 4

66 | D

Recommendation 5: Replace boiler with new condensing boiler

Condensing boiler

Typical installation cost

£2,200 - £3,000

Typical yearly saving

£138

Potential rating after carrying out recommendations 1 to 5

72 | C

Recommendation 6: Solar water heating

Solar water heating

Typical installation cost

£4,000 - £6,000

Typical yearly saving

£40

Potential rating after carrying out recommendations 1 to 6

74 | C

Recommendation 7: Solar photovoltaic panels, 2.5 kWp

lar photovoltaic panels

Typical installation cost	£9,000 - £14,000
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Typical yearly saving	£261
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Potential rating after carrying out recommendations 1 to 7

84 | B

aying 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)

Estimated energy use and potential savings

Estimated yearly energy cost for this property	£1042
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Potential saving	£444
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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.

Estimated energy used to heat this property

Space heating	8902 kWh per year
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Water heating	2584 kWh per year
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Potential energy savings by installing insulation

Type of insulation	Amount of energy saved
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solid wall insulation

1710 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.

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**

Kenneth Tomlin

Telephone

020 8524 8664

Emailken.tomlin@gmail.com**Accreditation scheme contact details****Accreditation scheme**

NHER

Assessor ID

NHER002350

Telephone

01455 883 250

Emailenquiries@elmhurstenergy.co.uk**Assessment details****Assessor's declaration**

No related party

Date of assessment

25 October 2014

ate of certificate

25 October 2014

/pe of assessment▶ [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 ecdg.digital-services@communities.gov.uk or call our helpdesk on 020 3829 0748.

There are no related certificates for this property.