

Energy performance certificate (EPC)

House of Lords
2 Clerks Piece
LOUGHTON
IG10 1NR

Energy rating

C

Valid until: 6 August 2027

Certificate number: 8343-7328-5750-9397-1902

Property type

Detached house

Total floor area

211 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 the 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 C. It has the potential to be B.

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

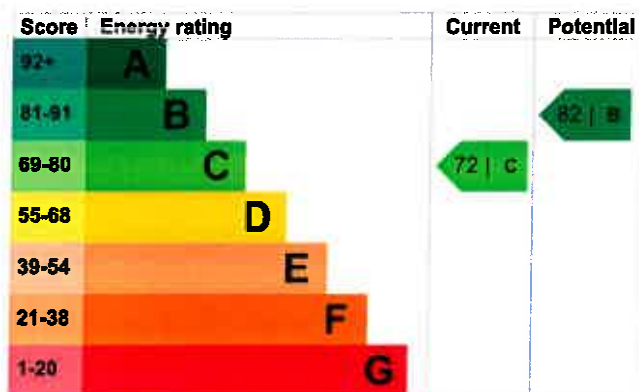
The graph shows this property's current and potential energy efficiency.

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
Wall	Cavity wall, filled cavity	Good
Roof	Pitched, 100 mm loft insulation	Average
Window	Fully double glazed	Average
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer and room thermostat	Average
Hot water	From main system	Good
Lighting	Low energy lighting in 50% of fixed outlets	Good
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	None	N/A

Primary energy use

The primary energy use for this property per year is 166 kilowatt hours per square metre (kWh/m²).

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.

This property's potential production	4.1 tonnes of CO ₂
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By making the [recommended changes](#), you could reduce this property's CO₂ emissions by 2.1 tonnes per year. This will help to protect the environment.

An average household produces	6 tonnes of CO ₂
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This property produces	6.2 tonnes of CO ₂
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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 C (72) to B (82).

Recommendation	Typical installation cost	Typical yearly saving
1. Increase loft insulation to 270 mm	£100 - £350	£56
2. Floor insulation (solid floor)	£4,000 - £6,000	£88
3. Low energy lighting	£40	£42
4. Solar water heating	£4,000 - £6,000	£51
5. Solar photovoltaic panels	£5,000 - £8,000	£286

Paying 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 £1328

Potential saving £238

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

Estimated energy used to heat this property

Space heating 20120 kWh per year

Water heating 3024 kWh per year

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 \(https://www.simpleenergyadvice.org.uk/\)](https://www.simpleenergyadvice.org.uk/).

Heating use in this property

Potential energy savings by installing insulation

Type of Insulation	Amount of energy saved
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Loft insulation	1232 kWh per year
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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	James O'Callaghan
Telephone	07904587193
Email	james.epc@gmail.com

Accreditation scheme contact details

Accreditation scheme	Quidos Limited
Assessor ID	QUID201177
Telephone	01225 667 570
Email	info@quidos.co.uk

Assessment details

Assessor's declaration	No related party
Date of assessment	3 August 2017
Date of certificate	7 August 2017
Type of assessment	RdSAP
