

Energy performance certificate (EPC)

82 Alverstone Avenue East Barnet BARNET EN4 8EB	Energy rating E	Valid until: 2 January 2034 <hr/> Certificate number: 0380-2132-0390-2404-3375
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Property type **Semi-detached house**

Total floor area **114 square metres**

Rules on letting this property

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

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 rating and score

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

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

Score	Energy rating	Current	Potential
92+	A		
81-91	B		86 B
69-80	C		
55-68	D		
39-54	E	42 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 England and Wales:

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	Solid brick, as built, no insulation (assumed)	Very poor
Wall	Solid brick, as built, partial insulation (assumed)	Average
Roof	Pitched, insulated at rafters	Average
Roof	Roof room(s), no insulation (assumed)	Very poor
Window	Some double glazing	Poor
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system, no cylinder thermostat	Poor
Lighting	Low energy lighting in 67% of fixed outlets	Good
Floor	Suspended, no insulation (assumed)	N/A
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 398 kilowatt hours per square metre (kWh/m²).

How this affects your energy bills

An average household would need to spend **£4,002 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 £2,582 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2024** when this EPC was created. People living at the property may use different amounts of energy for heating, hot water and lighting.

Heating this property

Estimated energy needed in this property is:

- 17,813 kWh per year for heating
- 3,633 kWh per year for hot water

Impact on the environment

This property's environmental impact rating is F. It has the potential to be B.

Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO₂) they produce each year.

Carbon emissions

An average household produces **6 tonnes of CO₂**

This property produces **8.1 tonnes of CO₂**

This property's potential production **1.7 tonnes of CO₂**

You could improve this property's CO₂ 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

Step	Typical installation cost	Typical yearly saving
1. Room-in-roof insulation	£1,500 - £2,700	£697
2. Internal or external wall insulation	£4,000 - £14,000	£621
3. Floor insulation (suspended floor)	£800 - £1,200	£137
4. Add additional 80 mm jacket to hot water cylinder	£15 - £30	£38
5. Draught proofing	£80 - £120	£66

Step	Typical installation cost	Typical yearly saving
6. Low energy lighting	£20	£43
7. Hot water cylinder thermostat	£200 - £400	£220
8. Condensing boiler	£2,200 - £3,000	£500
9. Solar water heating	£4,000 - £6,000	£110
10. Replace single glazed windows with low-E double glazed windows	£3,300 - £6,500	£151
11. Solar photovoltaic panels	£3,500 - £5,500	£666

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.

More ways to save energy

Find ways to save energy in your home by visiting www.gov.uk/improve-energy-efficiency.

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.

Assessor's name	Daniel Jackson
Telephone	01189770690
Email	epc@nichecom.co.uk

Contacting the accreditation scheme

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

Accreditation scheme	Elmhurst Energy Systems Ltd
Assessor's ID	EES/021859
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	2 January 2024
Date of certificate	3 January 2024
Type of assessment	RdSAP