

Energy performance certificate (EPC)

Glaphorn Manor
Glaphorn
PETERBOROUGH
PE8 5BJ

Energy rating

G

Valid until:

7 April 2026

Certificate number:

0288-3075-7294-4106-7964

Property type

Detached house

Total floor area

382 square metres

Rules on letting this property

! You may not be able to let this property

This property has an energy rating of 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).

Properties can be let if they have an energy rating from A to E. You could make changes to [improve this property's energy rating](#).

Energy rating and score

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

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

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

Score	Energy rating	Current	Potential
92+	A		
81-91	B		
69-80	C		
55-68	D		
39-54	E		
21-38	F		
1-20	G	16 G	87 B

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
Roof	Pitched, no insulation (assumed)	Very poor
Roof	Roof room(s), no insulation (assumed)	Very poor
Window	Single glazed	Very poor
Main heating	Air source heat pump, radiators, electric	Good
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system	Very poor
Lighting	Low energy lighting in 37% of fixed outlets	Average
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, dual fuel (mineral and wood)	N/A

Low and zero carbon energy sources

Low and zero carbon energy sources release very little or no CO2. Installing these sources may help reduce energy bills as well as cutting carbon emissions. The following low or zero carbon energy sources are installed in this property:

- Air source heat pump

Primary energy use

The primary energy use for this property per year is 438 kilowatt hours per square metre (kWh/m2).

How this affects your energy bills

An average household would need to spend **£7,805 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 £5,958 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2016** 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:

- 106,507 kWh per year for heating
 - 2,894 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 33.0 tonnes of CO₂

This property's potential production 3.4 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.

Steps you could take to save energy

Step	Typical installation cost	Typical yearly saving
1. Flat roof or sloping ceiling insulation	£850 - £1,500	£1,935
2. Room-in-roof insulation	£1,500 - £2,700	£1,286
3. Internal wall insulation	£4,000 - £14,000	£1,839
4. Floor insulation (solid floor)	£4,000 - £6,000	£160
5. Draught proofing	£80 - £120	£173
6. Low energy lighting	£85	£68
7. Solar water heating	£4,000 - £6,000	£147
8. Replace single glazed windows with low-E double glazed windows	£3,300 - £6,500	£350
9. Solar photovoltaic panels	£5,000 - £8,000	£283
10. Wind turbine	£15,000 - £25,000	£548

Advice on making energy saving improvements

[Get detailed recommendations and cost estimates \(www.gov.uk/improve-energy-efficiency\)](http://www.gov.uk/improve-energy-efficiency)

Help paying for energy saving improvements

You may be eligible for help with the cost of improvements:

- Free energy saving improvements: [Home Upgrade Grant \(www.gov.uk/apply-home-upgrade-grant\)](http://www.gov.uk/apply-home-upgrade-grant)
- Insulation: [Great British Insulation Scheme \(www.gov.uk/apply-great-british-insulation-scheme\)](http://www.gov.uk/apply-great-british-insulation-scheme)

- Help from your energy supplier: [Energy Company Obligation \(www.gov.uk/energy-company-obligation\)](http://www.gov.uk/energy-company-obligation)

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	Andrew Quinney
Telephone	01945 480477
Email	andrew@energyassessorsolutions.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/011382
Telephone	01455 883 250
Email	enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration	No related party
Date of assessment	8 April 2016
Date of certificate	8 April 2016
Type of assessment	RdSAP
