Energy performance certificate (EPC)

Pidnell Farm Radcot Road FARINGDON	Energy rating	Valid until:	15 June 2033	
SN7 8DY	F	Certificate 0599-3024-1207-0487-4204 number:	0599-3024-1207-0487-4204	
Property type	Detached house			
Total floor area		382 square metres		

Rules on letting this property

You may not be able to let this property

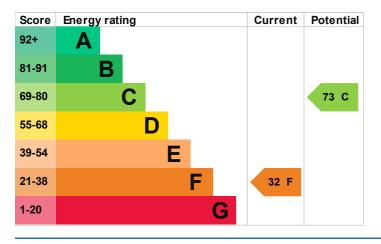
This property has an energy rating of F. It cannot be let, unless an exemption has been registered. You can read <u>guidance for landlords on the regulations and exemptions</u> (<u>https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance</u>).

Properties can be let if they have an energy rating from A to E. The <u>recommendations section</u> sets out changes you can make to improve the property's rating.

Energy rating and score

This property's current energy rating is F. It has the potential to be C.

<u>See how to improve this property's energy</u> <u>efficiency</u>.



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	Sandstone or limestone, 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	Boiler and radiators, oil	Average
Main heating control	Programmer, room thermostat and TRVs	Good
Hot water	From main system, no cylinder thermostat	Poor
Lighting	Low energy lighting in all fixed outlets	Very good
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, wood logs	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:

· Biomass secondary heating

Primary energy use

The primary energy use for this property per year is 261 kilowatt hours per square metre (kWh/m2).

Additional information

Additional information about this property:

• Stone walls present, not insulated

How this affects your energy bills

An average household would need to spend £8,478 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 £4,840 per year** if you complete the suggested steps for improving this property's energy rating.

This is **based on average costs in 2023** 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:

- 70,053 kWh per year for heating
- 3,790 kWh per year for hot water

Impact on the environment		This property produces	24.0 tonnes of CO2
This property's current environmental impact rating is F. It has the potential to be C.		This property's potential production	8.7 tonnes of CO2
Properties get a rating from A (best) to G (worst) on how much carbon dioxide (CO2) they produce each year. CO2 harms the environment.		You could improve this property's CO2 emissions by making the suggested changes. This will help to protect the environment.	
Carbon emissions		These ratings are based on assumptions about	
An average household produces	6 tonnes of CO2	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	£1,667
2. Internal or external wall insulation	£4,000 - £14,000	£2,015
3. Floor insulation (solid floor)	£4,000 - £6,000	£248
4. Draught proofing	£80 - £120	£163
5. Hot water cylinder thermostat	£200 - £400	£216
6. Solar water heating	£4,000 - £6,000	£109
7. Secondary glazing to single glazed windows	£1,000 - £1,500	£423
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8. Solar photovoltaic panels

£3,500 - £5,500

£689

Help paying for energy improvements

You might be able to get a grant from the <u>Boiler Upgrade Scheme (https://www.gov.uk/apply-boiler-upgrade-scheme)</u>. 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 <u>www.gov.uk/improve-energy-efficiency</u>.

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 Telephone Email Paul Crovella 01793 430451 information@swindonenergy.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 Assessor's ID Telephone Email Elmhurst Energy Systems Ltd EES/001873 01455 883 250 enquiries@elmhurstenergy.co.uk

About this assessment

Assessor's declaration Date of assessment Date of certificate Type of assessment No related party 1 March 2023 16 June 2023 RdSAP