### Energy performance certificate (EPC) **OLD STATION HOUSE** Energy rating Valid until:

CHURCH ROAD **LOWER MACHEN** NEWPORT **NP10 8GW** 

11 April 2031

Certificate number: 5001-9224-0122-3008-0493

Detached house Property type

Total floor area 293 square metres

### Rules on letting this property



# You may not be able to let this property

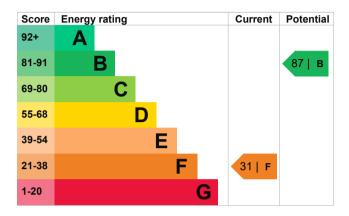
This property has an energy rating of F. It cannot be let, unless an exemption has been registered. You can read guidance for landlords on the regulations and exemptions (https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlordguidance).

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

# **Energy efficiency rating for this property**

This property's current energy rating is F. 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	Granite or whinstone, as built, no insulation (assumed)	Very poor
Roof	Roof room(s), no insulation (assumed)	Very poor
Window	Fully double glazed	Average
Main heating	Boiler and radiators, mains gas	Good
Main heating control	Programmer, TRVs and bypass	Average
Hot water	From main system	Average
Lighting	Low energy lighting in all fixed outlets	Very good
Floor	Solid, no insulation (assumed)	N/A
Secondary heating	Room heaters, dual fuel (mineral and wood)	N/A

#### Primary energy use

The primary energy use for this property per year is 424 kilowatt hours per square metre (kWh/m2).

#### Additional information

Additional information about this property:

· Stone walls present, not insulated

# **Environmental impact of this property**

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

Properties are rated in a scale from A to G based on how much carbon dioxide (CO2) they produce.

Properties with an A rating produce less CO2 than G rated properties.

An average household produces

6 tonnes of CO2

This property's potential 4.2 tonnes of CO2 production	This property produces	22.0 tonnes of CO2	
	This property's potential production	4.2 tonnes of CO2	

By making the <u>recommended changes</u>, you could reduce this property's CO2 emissions by 17.8 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.

# Improve this property's energy performance

By following our step by step recommendations you could reduce this property's energy use and potentially save money.

Carrying out these changes in order will improve the property's energy rating and score from F (31) to B (87).

Step	Typical installation cost	Typical yearly saving
1. Room-in-roof insulation	£1,500 - £2,700	£1,386
2. Internal or external wall insulation	£4,000 - £14,000	£737
3. Floor insulation (solid floor)	£4,000 - £6,000	£157
4. Heating controls (room thermostat)	£350 - £450	£124
5. Condensing boiler	£2,200 - £3,000	£382
6. Solar photovoltaic panels	£3,500 - £5,500	£359
7. Wind turbine	£15,000 - £25,000	£676

### Paying for energy improvements

Find energy grants and ways to save energy in your home. (https://www.gov.uk/improve-energy-efficiency)

# Estimated energy use and potential savings

Estimated yearly energy cost for this property	£4259
Potential saving	£2786

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 potential saving shows how much money you could save if you <u>complete each</u> <u>recommended step in order</u>.

For advice on how to reduce your energy bills visit <u>Simple Energy Advice</u> (<a href="https://www.simpleenergyadvice.org.uk/">https://www.simpleenergyadvice.org.uk/</a>).

### Heating use in this property

Solid wall insulation

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

# Estimated energy used to heat this property

Type of heating	Estimated energy used
Space heating	58249 kWh per year
Water heating	3235 kWh per year
Potential energy insulation	savings by installing
Type of insulation	Amount of energy saved
Loft insulation	1580 kWh per year

9682 kWh per year

# 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 Christopher Thomas Telephone 07545 619142

Email <u>chris@docproperty.co.uk</u>

#### Accreditation scheme contact details

Accreditation scheme Stroma Certification Ltd

Assessor ID STRO031510 Telephone 0330 124 9660

Email <u>certification@stroma.com</u>

#### Assessment details

Assessor's declaration

Date of assessment

Date of certificate

Type of assessment

No related party
2 April 2021
12 April 2021

RdSAP

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