Energy performance certificate (EPC)		
Ty Newydd LLANNERCH-Y-MEDD LL71 7DL	Energy rating	Valid until: 25 April 2028 Certificate number: 2468-6012-7264-4938-4960
Property type		Detached house
Total floor area		152 square metres

### Rules on letting this property



## You may not be able to let this property

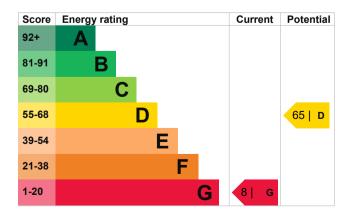
This property has an energy rating of G. It cannot be let, unless an exemption has been registered. You can read <u>guidance for landlords on the regulations and exemptions</u> (<u>https://www.gov.uk/guidance/domestic-private-rented-property-minimum-energy-efficiency-standard-landlord-guidance</u>).

Properties can be rented 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 efficiency rating for this property

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

<u>See how to improve this property's energy</u> 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
Wall	Cavity wall, as built, insulated (assumed)	Good
Roof	Pitched, 250 mm loft insulation	Good
Roof	Pitched, 100 mm loft insulation	Average
Roof	Pitched, no insulation	Very poor
Window	Fully double glazed	Good
Main heating	Portable electric heaters assumed for most rooms	Very poor
Main heating control	No thermostatic control of room temperature	Poor
Hot water	Electric immersion, standard tariff	Very poor
Lighting	No low energy lighting	Very poor
Floor	Solid, no insulation (assumed)	N/A
Floor	Solid, limited 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 571 kilowatt hours per square metre (kWh/m2).

#### Additional information

Additional information about this property:

• Stone walls present, not insulated

# 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.

An average household produces	6 tonnes of CO2	
This property produces	15.0 tonnes of CO2	

## This property's potential 5.2 tonnes of CO2 production

By making the <u>recommended changes</u>, you could reduce this property's CO2 emissions by 9.8 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.

### 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 G (8) to D (65).

Recommendation	Typical installation cost	Typical yearly saving
1. Increase loft insulation to 270 mm	£100 - £350	£218
2. Internal or external wall insulation	£4,000 - £14,000	£1,440
3. Floor insulation (solid floor)	£4,000 - £6,000	£198
4. Low energy lighting	£100	£44
5. Solar water heating	£4,000 - £6,000	£168
6. High performance external doors	£1,500	£63
7. Solar photovoltaic panels	£5,000 - £8,000	£310
8. Wind turbine	£15,000 - £25,000	£576

#### 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	£4421
Potential saving	£2131

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

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

#### Heating use in this property

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

#### Estimated energy used to heat this property

Space heating	24696 kWh per year
Water heating	2301 kWh per year

# Potential energy savings by installing insulation

Type of insulation	Amount of energy saved
Loft insulation	1419 kWh per year
Solid wall insulation	9170 kWh per year

You might be able to receive <u>Renewable Heat</u> <u>Incentive payments (https://www.gov.uk/domestic-renewable-heat-incentive)</u>. 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 Telephone Email Stephen Morris 07772234741 steve.1611@btinternet.com

#### Accreditation scheme contact details

Accreditation scheme Assessor ID Telephone Email

#### Assessment details

Assessor's declaration Date of assessment Date of certificate

Type of assessment

Stroma Certification Ltd STRO015382 0330 124 9660 certification@stroma.com

No related party 26 April 2018 26 April 2018 RdSAP