Energy Performance Certificate

Sleath Farmhouse, Llangua, ABERGAVENNY, NP7 8HD

Dwelling type:	Detached house		
Date of assessment:	09	November	2012
Date of certificate:	09	November	2012

Use this document to:

- Compare current ratings of properties to see which properties are more energy efficient
- Find out how you can save energy and money by installing improvement measures

Estimated energy costs	Estimated energy costs of dwelling for 3 years:			
Estimated energy costs of this home				
	Current costs	Potential costs	Potential future savings	
Lighting	£ 414 over 3 years	£ 414 over 3 years		
Heating	£ 4,932 over 3 years	£ 4,932 over 3 years	Not applicable	
Hot Water	£ 426 over 3 years	£ 426 over 3 years	Not applicable	
Totals	£ 5,772	£ 5,772		

Reference number:

Total floor area:

Type of assessment:

These figures show how much the average household would spend in this property for heating, lighting and hot water. This excludes energy use for running appliances like TVs, computers and cookers, and any electricity generated by microgeneration.

Energy Efficiency Rating Current | Potential Very energy efficient - lower running costs The graph shows the current energy efficiency of your (92 plus) 🛕 home. B (81-91) The higher the rating the lower your fuel bills are likely C (69-80) 73 to be. 69 (55-68)D) The potential rating shows the effect of undertaking Ξ (39-54) the recommendations on page 3. F (21 - 38)The average energy efficiency rating for a dwelling in G (1-20)England and Wales is band D (rating 60). Not energy efficient - higher running costs

Actions you can take to save money and make your home more efficient

Recommended measures	Indicative cost	Typical savings over 3 years
1 Solar photovoltaic panels, 2.5 kWp	£11,000 - £20,000	£ 666

8891-0010-7339-8707-5923

SAP, new dwelling 291 m²



Energy Performance Certificate

Summary of this home's energy performance related features

Element	Description	Energy Efficiency
Walls	Average thermal transmittance 0.50 W/m ² K	★★★☆
Roof	Average thermal transmittance 0.17 W/m ² K	★★★☆
Floor	Average thermal transmittance 0.15 W/m ² K	****
Windows	Single glazed	-
Main heating	Boiler and underfloor heating, oil	★★★☆
Main heating controls	Time and temperature zone control	****
Secondary heating	Room heaters, wood logs	-
Hot water	From main system	★★★★ ☆
Lighting	Low energy lighting in 75% of fixed outlets	****
Air tightness	(not tested)	-

Thermal transmittance is a measure of the rate of heat loss through a building element; the lower the value the better the energy performance.

Current primary energy use per square metre of floor area: 143 kWh/m² per year

Low and zero carbon energy sources

Low and zero carbon energy sources are sources of energy that release either very little or no carbon dioxide into the atmosphere when they are used. Installing these sources may help reduce energy bills as well as cutting carbon. The following low or zero carbon energy sources are provided for this home:

• Biofuel secondary heating

Recommendations

The measures below will improve the energy performance of your dwelling. The performance ratings after improvements listed below are cumulative; that is, they assume the improvements have been installed in the order that they appear in the table. Further information about the recommended measures and other simple actions you could take today to save money is available at **www.direct.gov.uk/savingenergy**. Before installing measures, you should make sure you have secured the appropriate permissions, where necessary. Such permissions might include permission from your landlord (if you are a tenant) or approval under Building Regulations for certain types of work.

Recommended measures	Indicative cost	Typical savings per year	Rating after improvement
Solar photovoltaic panels, 2.5 kWp	£11,000 - £20,000	£ 222	C73

Sleath Farmhouse, Llangua, , ABERGAVENNY, NP7 8HD 09 November 2012 RRN: 8891-0010-7339-8707-5923

About this document

The Energy Performance Certificate for this dwelling was produced following an energy assessment undertaken by a qualified assessor, accredited by Elmhurst Energy Systems Ltd. You can get contact details of the accreditation scheme at www.elmhurstenergy.co.uk, together with details of their procedures for confirming authenticity of a certificate and for making a complaint. A copy of this EPC has been lodged on a national register. It will be publicly available and some of the underlying data may be shared with others for compliance and marketing of relevant energy efficiency information. The Government may use some of this data for research or statistical purposes. Green Deal financial details that are obtained by the Government for these purposes will <u>not</u> be disclosed to non-authorised recipients. The current property owner and/or tenant may opt out of having their information shared for marketing purposes.

Assessor's accreditation number:	EES/005452
Assessor's name:	Ms. Julie Lock
Phone number:	01743 255978
E-mail address:	julie.lock@shropshire.gov.uk
Related party disclosure:	No related party

Further information about Energy Performance Certificates can be found under Frequently Asked Questions at **www.epcregister.com**.

About the impact of buildings on the environment

One of the biggest contributors to global warming is carbon dioxide. The energy we use for heating, lighting and power in homes produces over a quarter of the UK's carbon dioxide emissions.

The average household causes about 6 tonnes of carbon dioxide every year. Based on this assessment, your home currently produces approximately 9.3 tonnes of carbon dioxide every year. You could reduce emissions by switching to renewable energy sources.

The environmental impact rating is a measure of a home's impact on the environment in terms of carbon dioxide (CO_2) emissions. The higher the rating the less impact it has on the environment.



Your home's heat demand

This table shows the energy used for space and water heating by an average household in this property.

Heat demand

Space heating (kWh per year)	26,663
Water heating (kWh per year)	2,502