

Energy performance certificate (EPC) recommendation report

Old Village Hall
Stradey Road
LLanelli
SA15 4ET

Report number
4532-7366-1802-2999-0031

Valid until
7 April 2032

Energy rating and EPC

This property's current energy rating is G.

For more information on the property's energy performance, [see the EPC for this property \(/energy-certificate/4559-5044-1268-0052-3626\)](#).

Recommendations

Make these changes to improve the property's energy efficiency.

Recommended improvements are grouped by the estimated time it would take for the change to pay for itself. The assessor may also make additional recommendations.

Each recommendation is marked as low, medium or high. This shows the potential impact of the change on reducing the property's carbon emissions.

Changes that pay for themselves within 3 years

| Recommendation | Potential impact |
|---|------------------|
| Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use. | Low |
| Add time control to heating system. | Medium |
| Add optimum start/stop to the heating system. | Medium |
| The default heat generator efficiency is chosen. It is recommended that the heat generator system be investigated to gain an understanding of its efficiency and possible improvements. | Low |
| Some walls have uninsulated cavities - introduce cavity wall insulation. | Medium |
| Add local temperature control to the heating system. | Medium |
| Add weather compensation controls to heating system. | Medium |
| Add local time control to heating system. | Medium |

Changes that pay for themselves within 3 to 7 years

| Recommendation | Potential impact |
|--|------------------|
| Some solid walls are poorly insulated - introduce or improve internal wall insulation. | Medium |
| Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation. | Medium |
| Consider installing a ground source heat pump. | High |

Changes that pay for themselves in more than 7 years

| Recommendation | Potential impact |
|--|------------------|
| Roof is poorly insulated. Install or improve insulation of roof. | Medium |
| Consider installing building mounted wind turbine(s). | Low |
| Consider installing solar water heating. | Low |

Additional recommendations

| Recommendation | Potential impact |
|--|------------------|
| Replace 38mm diameter (T12) fluorescent tubes on failure with 26mm (T8) tubes. | High |
| Some windows have high U-values - consider installing secondary glazing. | Medium |
| Some glazing is poorly insulated. Replace/improve glazing and/or frames. | Medium |
| Consider installing an air source heat pump. | High |
| Consider installing PV. | Low |
| Some loft spaces are poorly insulated - install/improve insulation. | High |
| Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required. | High |

Property and report details

Report issued on

8 April 2022

Total useful floor area

92 square metres

Building environment

Heating and Natural Ventilation

Calculation tool

Elmhurst Energy Systems Ltd, SBEM Online, v4.03, SBEM, v5.6.b.0

Assessor's details**Assessor's name**

Christopher Dixon

Telephone

07885637443

Email

cm_dixon@hotmail.co.uk

Employer's name

Pen-y-Bont EPC & SAP

Employer's address

22 Tyn y Bettws Close, Bettws, Bridgend, CF32 8YF

Assessor ID

EES/022268

Assessor's declaration

The assessor is not related to the owner of the property.

Accreditation scheme

Elmhurst Energy Systems Ltd

Other reports for this property

If you are aware of previous reports for this property and they are not listed here, please contact us at dluhc.digital-services@levellingup.gov.uk or call our helpdesk on 020 3829 0748.

There are no related reports for this property.