

Energy performance certificate (EPC) recommendation report

2 Barnwood Road
GLOUCESTER
GL2 0RX

Report number
7014-8891-0123-8073-0568

Valid until
18 June 2034

Energy rating and EPC

This property's energy rating is C.

For more information on the property's energy performance, see the EPC for this property.

Recommendations

Changes that may pay for themselves within 3 years

Recommendation	Potential impact on carbon emissions
Add optimum start/stop to the heating system.	Medium
Some windows have high U-values - consider installing secondary glazing.	Medium

Changes that may pay for themselves within 3 to 7 years

Recommendation	Potential impact on carbon emissions
Add weather compensation controls to heating system.	Medium
Some solid walls are poorly insulated - introduce or improve internal wall insulation.	Medium
Consider replacing heating boiler plant with a condensing type.	High
Consider switching from gas to biomass.	High
Some glazing is poorly insulated. Replace/improve glazing and/or frames.	Medium

Changes that may pay for themselves in over 7 years

Recommendation	Potential impact on carbon emissions
Consider installing solar water heating.	Low
The default chiller efficiency is chosen. It is recommended that the chiller system be investigated to gain an understanding of its efficiency and possible improvements.	Low
Consider installing PV.	Low

Additional recommendations

Recommendation	Potential impact on carbon emissions
Consider replacing T8 lighting with LED>	High

Property and report details

Report issued on	19 June 2024
Total useful floor area	2,211 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	G-ISBEM Ltd, G-ISBEM, v25.3, SBEM, v6.1.e.0

Assessor's details

Assessor's name	Timothy Davis
Telephone	07766 737 280
Email	tim@cotswold-energy.co.uk
Employer's name	Cotswold energy Consultants Ltd
Employer's address	Russell Lodge Mosley Green Parkend Lydney GL15 4HS
Assessor ID	EES/013393
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Elmhurst Energy Systems Ltd
