

Energy performance certificate (EPC) recommendation report

160 High Street
HERNE BAY
CT6 5AJ

Report number
6690-3937-4915-8780-3251

Valid until
20 June 2034

Energy rating and EPC

This property's energy rating is B.

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 time control to heating system.	Low
In some spaces, the solar gain limit defined in the NCM is exceeded, which might cause overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.	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

Changes that may pay for themselves within 3 to 7 years

Recommendation	Potential impact on carbon emissions
Some windows have high U-values - consider installing secondary glazing.	Medium
Add weather compensation controls to heating system.	Medium
Add local time control to heating system.	Medium
Some solid walls are poorly insulated - introduce or improve internal wall insulation.	Medium
Consider switching from gas to biomass.	High
Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation.	Medium

Changes that may pay for themselves in over 7 years

Recommendation	Potential impact on carbon emissions
Some glazing is poorly insulated. Replace/improve glazing and/or frames.	Medium
Consider installing an air source heat pump.	High
Consider installing a ground source heat pump.	High
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
Roof is poorly insulated. Install or improve insulation of roof.	Medium

Property and report details

Report issued on	21 June 2024
Total useful floor area	170 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	Elmhurst Energy Systems Ltd, SBEM Online, v6.02, SBEM, v6.1.e.1

Assessor's details

Assessor's name	Yvonne Forbes
Telephone	01843 298635
Email	yvonne.forbes@btinternet.com
Employer's name	Majestic Energy Assessments
Employer's address	38 Friends Avenue, Margate, Kent, CT9 3XQ
Assessor ID	EES/008610
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Elmhurst Energy Systems Ltd
