

Energy performance certificate (EPC) recommendation report

Stone Hall Adult Education Centre
1083 Warwick Road
Birmingham
B27 6QT

Report number
3402-6018-7292-5506-3235

Valid until
10 February 2036

Energy rating and EPC

This property's energy rating is E.

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
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.	High

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.	High
Consider replacing heating boiler plant with a condensing type.	High

Changes that may pay for themselves in over 7 years

Recommendation	Potential impact on carbon emissions
Consider installing an air source heat pump.	Low
Roof is poorly insulated. Install or improve insulation of roof.	High
Consider installing solar water heating.	Low
Consider installing PV.	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

Additional recommendations

Recommendation	Potential impact on carbon emissions
Consider installing thermostatic radiator valves (TRVs). If already installed, consider setting them to the minimum comfortable temperature. Not all areas need to be heated to the same level, so adjust the temperature based on how each room is used.	Low
Consider installing or extending the use of PIR motion sensors to automatically turn lights on and off.	Low

Recommendation	Potential impact on carbon emissions
The building currently uses inefficient and potentially environmentally harmful lighting. We recommend upgrading to high-efficiency LED systems to improve energy performance and reduce environmental impact. Where LED options are not currently in place, consider replacing existing fittings with this more energy-efficient solution.	High

Property and report details

Report issued on	11 February 2026
Total useful floor area	407 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	Benjamin Burnett
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Employer's name	NRG Assessments Ltd
Employer's address	Hill House, Hillwood Road, Four Oaks, Birmingham, B75 5QN
Assessor ID	STER000954
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Sterling Accreditation Ltd
