

Energy performance certificate (EPC) recommendation report

Stanton House
49-51 Stanton Road
ILKESTON
DE7 5FW

Report number
9955-4059-0614-0000-1601

Valid until
8 January 2029

Energy rating and EPC

This property's energy rating is D.

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
Replace tungsten GLS lamps with CFLs: Payback period dependent on hours of use.	Low
Consider replacing T8 lamps with retrofit T5 conversion kit.	High
Add optimum start/stop to the heating system.	Medium
Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.	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.	Low
Some solid walls are poorly insulated - introduce or improve internal wall insulation.	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 building mounted wind turbine(s).	Low
Consider installing solar water heating.	Low
Consider installing PV.	Low

Additional recommendations

Recommendation	Potential impact on carbon emissions
Carry out a pressure test, identify and treat identified air leakage. Enter result in EPC calculation.	Medium

Property and report details

Report issued on	9 January 2019
Total useful floor area	211 square metres
Building environment	Heating and Natural Ventilation
Calculation tool	DesignBuilder Software Ltd, DesignBuilder SBEM, v5.4.0, SBEM, v5.4.b.0

Assessor's details

Assessor's name	Roy Redhead
Telephone	07713634349
Email	info@bridgfordenergyconsultants.com
Employer's name	Bridgford Energy Consultants Ltd
Employer's address	
Assessor ID	EES/002078
Assessor's declaration	The assessor is not related to the owner of the property.
Accreditation scheme	Elmhurst Energy Systems Ltd
