

APPENDIX 1

HOME ENERGY EFFICIENCY MEASURES

MEASURE	COST/PAYBACK	IMPROVEMENT	DISRUPTION
Loft insulation	£	↗ ↗ ↗ ↗	⚠
Pipes/boiler tank insulation	£	↗ ↗ ↗	⚠
Draught proofing	£	↗ ↗	⚠
LED lighting	£	↗ ↗	⚠
Cavity wall insulation	£ £	↗ ↗ ↗ ↗	⚠
Room in roof insulation	£ £	↗ ↗ ↗ ↗	⚠ ⚠ ⚠
Internal wall insulation	£ £ £	↗ ↗ ↗ ↗	⚠ ⚠ ⚠ ⚠
Floor insulation	£ £ £	↗ ↗ ↗ ↗	⚠ ⚠ ⚠
Solar PV (electric)	£ £ £	↗ ↗ ↗	⚠
Upgrading windows / new windows (single to double glazing)	£ £ £	↗ ↗	⚠ ⚠
Ground source heat pump	£ £ £ £	↗ ↗ ↗ ↗	⚠ ⚠ ⚠ ⚠
Air source heat pump	£ £ £	↗ ↗ ↗	⚠ ⚠ ⚠
External wall insulation	£ £ £ £	↗ ↗ ↗ ↗	⚠ ⚠ ⚠

Cost/payback



Improvement level



Disruption



£ £ £ £ = high £ = low

£ £ £ £ = £10k +

£ £ £ = £5k-10k

£ £ = £500-5k

£ = less than £500

151 B King Henry's Road - 2020/4978/P

All development (including extensions) are required to consider sustainable development principles from the start of the design process and include these in their Design and Access Statement. A simple checklist of measures is provided below which you can submit with your planning application to demonstrate what you have considered.

MEASURE	CONSIDERED Y/N	INCLUDED? SPECIFICATION
Loft insulation	Yes	Yes
Pipes/boiler tank insulation	Yes	Yes
Draught proofing	Yes	Yes
LED lighting	Yes	Yes
Cavity wall insulation	NO	refurbishment of existing house - no access to cavities, extension is fully insulated
Room in roof insulation	Yes	Yes
Internal wall insulation	Yes	Yes
Floor insulation	Yes	Yes
Solar PV (electric)	Yes	access to roof is problematic so system not considered
Upgrading windows/new windows (single to double glazing)	Yes	Yes
Ground source heat pump	NO	cost prohibitive
Air source heat pump	YES	space prohibitive
External wall insulation	NO	not possible in conservation area