

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

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, rock wall                        |
| Pipes/boiler tank insulation                             | YES            | Yes, lagging                          |
| Draught proofing   | YES            | Yes, Doors/windows have rubber seals  |
| LED lighting   | YES            | Yes, all lights are LED               |
| Cavity wall insulation                                   | YES            | Yes, rock wall                        |
| Room in roof insulation                                  | YES            | Yes, rockwall and foil backed         |
| Internal wall insulation                                 | YES            | Yes, rock wall                        |
| Floor insulation   | YES            | Yes, foam board                       |
| Solar PV (electric)                                      | YES            | No, not feasible/permitted to install |
| Upgrading windows/new windows (single to double glazing) | YES            | Yes, all windows are double glazed    |
| Ground source heat pump                                  | YES            | No, not feasible                      |
| Air source heat pump                                     | YES            | THIS IS BEING REQUESTED               |
| External wall insulation                                 | YES            | Yes, foam board                       |