

	Current	Potential
SAP Rating	55 D	60 D
Environmental	66 D	68 D
Energy Use	231 kWh/m <sup>2</sup> per year	231 kWh/m <sup>2</sup> per year
CO <sup>2</sup> Emissions	4.4 tonnes per year	4.1 tonnes per year
Lighting	£92 per year	£73 per year
Heating	£701 per year	£631 per year
Hot Water	£175 per year	£175 per year

## Summary of this homes energy performance features

Element	Description	Current Performance	
		Energy Efficiency	Environmental
Walls	System built, as built, insulated (assumed)	Good	Good
Roof	Pitched, insulated at rafters	Average	Average
Floor	Solid, insulated (assumed)	-	-
Windows	Fully triple glazed	Good	Good
Main Heating	Ground source heat pump, radiators, electric	Average	Very good
Main Heating Controls	Programmer and room thermostat	Poor	Poor
Secondary Heating	Portable electric heaters	-	-
Hot Water	From main system, no cylinderstat	Average	Average
Lighting	Low energy lighting in 75% of fixed outlets	Very good	Very good

## Recommendations

Measure Cost	Measure	Typical Savings per year	Improved Performance Ratings	
			Energy Efficiency	Environmental
Low	Time and temperature zone control	£74	60	68
Further	Solar water heating	£32	61	71
Further	Solar photovoltaic panels, 2.5 kWp	£167	69	78
Low	Low energy lighting for all fixed outlets	£14	56	66

