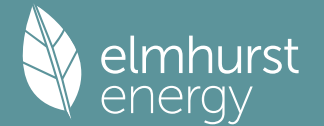


IMPROVEMENT OPTION EVALUATION REPORT



Date	06 January 2022
Address	17, The Avenue, LEICESTER, LE8 4GW

Assessor Details

Retrofit Coordinator	Options Evaluator
Assessor ID	X999-0139
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This document contains guidance regarding the possible improvement energy measures for the above dwelling to increase energy efficiency. The calculations are based on RdSAP methodology and the figures are based on standard occupancy.

Current dwelling

Current Energy Rating (SAP points)	32
Current CO2 Emissions (tons per year)	11.28
Current Fuel Cost (£ per year)	2155.62

Individual Improvements

Measure	Capital Cost (£)	Annual Fuel Cost Saving (£)	Payback Period (yrs)	CO2 Emissions Saving (tons per year)	Carbon Cost Effectiveness
Loft insulation	500	222.35	2.2	1.28	-163.88

The Capital Cost is a dwelling specific and so will be based on the size of the dwelling, its location and any special considerations.

The Annual Fuel Cost Saving is based on the potential reduction of fuel costs after the measure is installed.

The Payback Period is the Capital Cost divided by the Annual Fuel Cost Savings.

The CO2 Emissions Saving is the difference between the current CO2 emissions and the potential emissions once the measure is installed.

Carbon Cost Effectiveness is the lifetime cost of the measure (capital cost less annual savings over the lifetime of the measure) divided by the lifetime reduction of carbon dioxide emissions (annual reduction of CO2 multiplied by the lifetime of the measure). The lifetime of the measure is based on ECO Measures Table.

Improvements Packages						
Scenario	Measure	Capital Cost (£)	Annual Fuel Cost Saving (£)	Payback Period (yrs)	CO2 Emissions Saving (tons per year)	Carbon Cost Effectiveness
1	Loft insulation	500	222.35		1.28	
	Flat roof insulation	1000	58.39		0.34	
	Total	1500	280.74	5.3	1.62	-148.43

Disclaimer

This Improvement Option Evaluation Report should not under any circumstances be treated as a fixed cost savings prediction.

This Improvement Option Evaluation Report is based on assumption of RdSAP and standard occupancy.

This Improvement Option Evaluation Report is generated from a set data based on RdSAP methodology (current at the time) and ECO Measures Table.