

Appendix 1 Sustainability Fund Financial Appraisal

Project Name	Batchworth Depot Solar PV Project (2025)
Project Description	Installation of a 18.36kWp solar PV system comprising of 36 x 510W PV panels on Batchworth Depot
Investment Required	£18,248
Benefits of Project	The solar PV system will reduce grid electricity costs and carbon emissions.
Expected useful life of asset created (years)	25
Financing Cost Interest Rate (PWLB 20 yer rate)	5.63%
Discount rate for NPV (Treasury Red book)	3.50%

	Year 0	Year 1	Year 2	Year 3	Year 4	Year 5	Subsequent
	£000	£000	£000	£000	£000	£000	Years
Initial Investment							
Equipment and installation	£20,708						
Total Investment	20708.0						
Annual Costs							
Provision For Ad Hoc Repairs, Maintenance & Equipment Replacement		100.0	100.0	100.0	100.0	100.0	400.0
Total Costs		100.0	100.0	100.0	100.0	100.0	400.0
Income							
Income Stream 1 (electricity savings)		£ 3,828.00	£ 3,828.00	£ 3,828.00	£ 3,828.00	£ 3,828.00	£ 3,828.00
Export Income		£ 745.00	£ 745.00	£ 745.00	£ 745.00	£ 745.00	£ 745.00
Total Income		4573.0	4573.0	4573.0	4573.0	4573.0	4573.0
Net Income before Capital Financing Costs		4473.0	4473.0	4473.0	4473.0	4473.0	4173.0
Capital Financing Costs							
Interest		724.8	724.8	724.8	724.8	724.8	724.8
Minimum Revenue Provision		828.3	828.3	828.3	828.3	828.3	828.3
Revenue Budget Impact		2919.9	2919.9	2919.9	2919.9	2919.9	2619.9
Net Present Value							47752.5
Capital Payback Period (Years)							5.5

8000
20
400