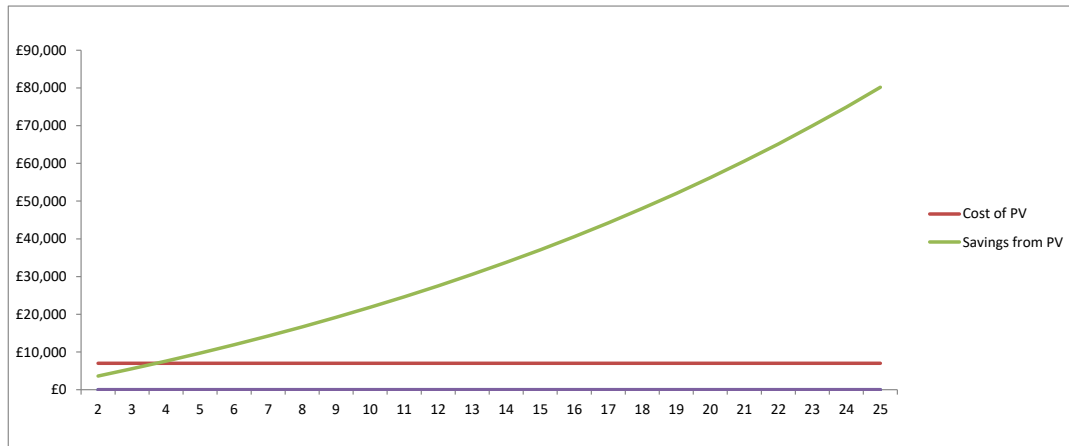


5.2 kWp Returns over 25 years

Irradiance Co-eff
Self consumption 985
100%

Year	kWh/year	Electric Tariff	Annual Savings with PV	Total Savings with PV	Cost of PV	ROI
2023	5,122	0.345	£1,767	£1,767	£7,000	25.24%
2024	5,104	0.36	£1,849	£3,616	£7,000	26.41%
2025	5,086	0.38	£1,935	£5,551	£7,000	27.64%
2026	5,068	0.40	£2,024	£7,575	£7,000	28.92%
2027	5,051	0.42	£2,118	£9,693	£7,000	30.26%
2028	5,033	0.44	£2,216	£11,909	£7,000	31.66%
2029	5,015	0.46	£2,319	£14,228	£7,000	33.13%
2030	4,998	0.49	£2,426	£16,654	£7,000	34.66%
2031	4,980	0.51	£2,539	£19,193	£7,000	36.27%
2032	4,963	0.54	£2,656	£21,849	£7,000	37.95%
2033	4,946	0.56	£2,779	£24,628	£7,000	39.70%
2034	4,928	0.59	£2,908	£27,536	£7,000	41.54%
2035	4,911	0.62	£3,043	£30,579	£7,000	43.47%
2036	4,894	0.65	£3,184	£33,762	£7,000	45.48%
2037	4,877	0.68	£3,331	£37,093	£7,000	47.59%
2038	4,860	0.72	£3,485	£40,579	£7,000	49.79%
2039	4,843	0.75	£3,647	£44,226	£7,000	52.10%
2040	4,826	0.79	£3,816	£48,042	£7,000	54.51%
2041	4,809	0.83	£3,993	£52,034	£7,000	57.04%
2042	4,792	0.87	£4,178	£56,212	£7,000	59.68%
2043	4,775	0.92	£4,371	£60,583	£7,000	62.44%
2044	4,758	0.96	£4,574	£65,156	£7,000	65.34%
2045	4,742	1.01	£4,785	£69,942	£7,000	68.36%
2046	4,725	1.06	£5,007	£74,949	£7,000	71.53%
2047	4,709	1.11	£5,239	£80,188	£7,000	74.84%
Total kWh	122,813		Total PV Savings	£80,188		

Option	System Size	System Cost (Exc VAT)	Annual Output (kWh)	Total PV Savings	Lifetime PV Benefits (net of Payback Time PV)	Average rate of return over 20 years PV (%)
Suntech 400w All Black	5.2	£7,000	4,913	£ 80,188	£73,188	4 Years 47.73%



The performance of solar PV systems is impossible to predict with certainty due to the variability in the amount of solar radiation (sunlight) from location to location and from year to year. This estimate is based upon the standard MCS procedure is given as guidance only for the first year of generation. It should not be considered as a guarantee of performance. The solar PV self-consumption has been calculated in accordance with the most relevant methodology for your system. There are a number of external factors that can have a significant effect on the amount of energy that is self-consumed so this figure should not be considered as a guarantee of the amount of energy that will be self-consumed.

Assumptions: This system is based on a well cited, south facing system in the south of England with 0% shading, 100% self-consumption on site and a unit cost of 18p with 3% annual energy inflation