

TAYLOR WIMPEY - Kilnwood Vale, Phase 3DFG - MCS Zone 2 - Rev A - 25/06/2026

This document relates to the site layout: TAY-KIL-500 - PV Site Layout - REV A

PLOT NO	Roof Incline	VARIATION FROM SOUTH	DESIGN ORIENTATION	OVERSHADING FACTOR	NO# PANELS	ARRAY M ²	kWp	Estimated kWh	CO ₂ EQUIVALENT
016	50	25	SSE	1	2	3.92	0.90	981.00	133.42
017	50	115	ENE	1	2	3.92	0.90	615.60	83.72
018	50	115	ENE	1	4	7.84	1.80	1231.20	167.44
025	50	25	SSE	1	2	3.92	0.90	981.00	133.42
026	50	115	ENE	1	2	3.92	0.90	615.60	83.72
027	50	115	ENE	1	4	7.84	1.80	1231.20	167.44
028	50	25	SSE	1	3	5.88	1.35	1471.50	200.12
029	50	115	ENE	1	4	7.84	1.80	1231.20	167.44
031	50	115	ENE	1	2	3.92	0.90	615.60	83.72
033	50	115	ENE	1	2	3.92	0.90	615.60	83.72
034	50	25	SSE	1	3	5.88	1.35	1471.50	200.12
035	50	115	ENE	1	4	7.84	1.80	1231.20	167.44
Total				12	34	66.64	15.30	12292.20	1671.74

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, based upon the MCS procedure, is given as guidance only. It should not be considered as a guarantee of performance.

This system performance calculation has been undertaken using estimated values for array orientation, inclination or shading. Actual performance may be significantly lower or higher if the characteristics of the installed system vary from the estimated results. Shading losses have been assessed from the proposed site layout and building information available at the date of design. The calculated shading factor represents a reasonable assessment based on the proposed development and is subject to review should the development design change.

Design assumption:

Shading losses have been assessed from the proposed site layout and building information available at the date of design. The calculated shading factor represents a reasonable assessment based on the proposed development and is subject to review should the development design change.