

Taylor Wimpey - Sefter Road, Bognor Regis - MCS Zone 2 - Rev A - 31-03-2022

PLOT NO	ROOF INCLINE	VARIATION° FROM SOUTH	Cardinal Direction	OVERSHADING FACTOR	kWp	kWh	CO ₂ EQUIVALENT
008	40	20	S	1	2.19	2446.23	1269.59
017	35	40	SE/SW	1	2.19	2354.25	1221.86
019	45	50	SE/SW	1	2.19	2260.08	1172.98
020	40	50	SE/SW	1	2.19	2279.79	1183.21
023	35	30	SSE/SSW	1	2.19	2404.62	1248.00
048	50	5	S	1	2.19	2439.66	1266.18
050	35	65	ESE/WSW	1	2.19	2170.29	1126.38
051	35	65	ESE/WSW	1	2.19	2170.29	1126.38
053	45	50	SE/SW	1	2.19	2260.08	1172.98
058	45	50	SE/SW	1	2.19	2260.08	1172.98
063	45	0	S	1	2.19	2468.13	1280.96
064	45	0	S	1	2.19	2468.13	1280.96
065	45	0	S	1	2.19	2468.13	1280.96
066	45	0	S	1	2.19	2468.13	1280.96
069	40	0	S	1	2.19	2479.08	1286.64
072	40	15	S	1	2.19	2459.37	1276.41
076	45	0	S	1	2.19	2468.13	1280.96
077	45	0	S	1	2.19	2468.13	1280.96
082	40	0	S	1	2.19	2479.08	1286.64
087	35	0	S	1	2.19	2474.70	1284.37
091	45	0	S	1	2.19	2468.13	1280.96
108	35	50	SE/SW	1	2.19	2288.55	1187.76
109	45	40	SE/SW	1	2.19	2332.35	1210.49
111	35	40	SE/SW	1	2.19	2354.25	1221.86
114	35	15	S	1	2.19	2457.18	1275.28
116	45	0	S	1	2.19	2468.13	1280.96
117	45	0	S	1	2.19	2468.13	1280.96
120	45	0	S	1	2.19	2468.13	1280.96
121	40	0	S	1	2.19	2479.08	1286.64
152	35	15	S	1	2.19	2457.18	1275.28
153	35	15	S	1	2.19	2457.18	1275.28
154	45	5	S	1	2.19	2465.94	1279.82
155	50	50	SE/SW	1	2.19	2227.23	1155.93
156	35	40	SE/SW	1	2.19	2354.25	1221.86
157	35	40	SE/SW	1	2.19	2354.25	1221.86
159	35	15	S	1	2.19	2457.18	1275.28
160	35	15	S	1	2.19	2457.18	1275.28
161	35	15	S	1	2.19	2457.18	1275.28
162	35	15	S	1	2.19	2457.18	1275.28
164	40	15	S	1	2.19	2459.37	1276.41
166	35	15	S	1	2.19	2457.18	1275.28
167	35	15	S	1	2.19	2457.18	1275.28
169	35	15	S	1	2.19	2457.18	1275.28
170	35	15	S	1	2.19	2457.18	1275.28
172	35	15	S	1	2.19	2457.18	1275.28
173	35	15	S	1	2.19	2457.18	1275.28
177	40	15	S	1	2.19	2459.37	1276.41
178	35	15	S	1	2.19	2457.18	1275.28
179	35	15	S	1	2.19	2457.18	1275.28
183	35	15	S	1	2.19	2457.18	1275.28
184	35	15	S	1	2.19	2457.18	1275.28
185	35	15	S	1	2.19	2457.18	1275.28
186	35	15	S	1	2.19	2457.18	1275.28
187	35	15	S	1	2.19	2457.18	1275.28
188	35	15	S	1	2.19	2457.18	1275.28
189	35	15	S	1	2.19	2457.18	1275.28
190	35	15	S	1	2.19	2457.18	1275.28
193	45	15	S	1	2.19	2448.42	1270.73
194	45	15	S	1	2.19	2448.42	1270.73
195	35	40	SE/SW	1	2.19	2354.25	1221.86
207	40	15	S	1	2.19	2459.37	1276.41
210	35	15	S	1	2.19	2457.18	1275.28
211	35	15	S	1	2.19	2457.18	1275.28
212	45	15	S	1	2.19	2448.42	1270.73
220	45	15	S	1	2.19	2448.42	1270.73
221	45	15	S	1	2.19	2448.42	1270.73
223	35	15	S	1	2.19	2457.18	1275.28
224	35	15	S	1	2.19	2457.18	1275.28
225	45	15	S	1	2.19	2448.42	1270.73
226	45	15	S	1	2.19	2448.42	1270.73
230	45	15	S	1	2.19	2448.42	1270.73
Totals					155.49	172138.38	89339.82

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.