

APPENDIX A

PV ARRAYS

Component Data

PV Arrays

Name: PV array 1

Axis tracking: Fixed (no rotation)

Tilt: 10.0°

Orientation: 137.0°

Rated power: -

Panel material: Smooth glass without AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	53.381436	-2.268620	74.40	0.37	74.77
2	53.381346	-2.268784	74.40	0.37	74.77
3	53.381256	-2.268633	74.40	0.37	74.77
4	53.381310	-2.268544	74.40	0.37	74.77
5	53.381230	-2.268423	74.40	0.37	74.77
6	53.381158	-2.268543	74.40	0.37	74.77
7	53.381220	-2.268633	74.40	0.37	74.77
8	53.380995	-2.269038	74.40	0.37	74.77
9	53.380950	-2.268962	74.40	0.37	74.77
10	53.381022	-2.268827	74.40	0.37	74.77
11	53.380977	-2.268767	74.40	0.37	74.77
12	53.381230	-2.268303	74.40	0.37	74.77

Name: PV array 2

Axis tracking: Fixed (no rotation)

Tilt: 10.0°

Orientation: 137.0°

Rated power: -

Panel material: Smooth glass without AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	53.380923	-2.268932	74.40	0.37	74.77
2	53.380896	-2.268977	74.40	0.37	74.77
3	53.380869	-2.268947	74.40	0.37	74.77
4	53.380905	-2.268887	74.40	0.37	74.77

Name: PV array 3

Axis tracking: Fixed (no rotation)

Tilt: 10.0°

Orientation: 137.0°

Rated power: -

Panel material: Smooth glass without AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	53.380771	-2.268676	75.60	0.37	75.97
2	53.380726	-2.268750	75.60	0.37	75.97
3	53.380699	-2.268720	75.60	0.37	75.97
4	53.380744	-2.268630	75.60	0.37	75.97

Name: PV array 4

Axis tracking: Fixed (no rotation)

Tilt: 10.0°

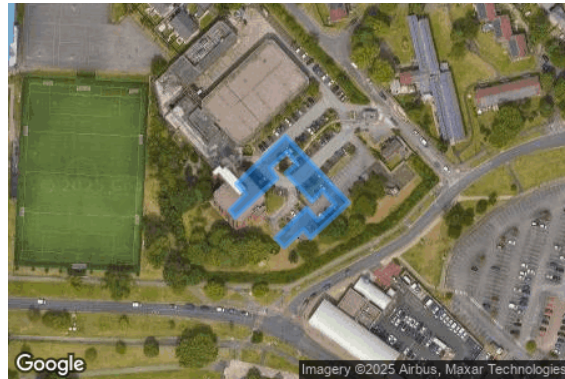
Orientation: 137.0°

Rated power: -

Panel material: Smooth glass without AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	53.381078	-2.268121	75.60	0.37	75.97
2	53.380834	-2.268541	75.60	0.37	75.97
3	53.380780	-2.268465	75.60	0.37	75.97
4	53.380699	-2.268600	75.60	0.37	75.97
5	53.380663	-2.268555	75.60	0.37	75.97
6	53.380862	-2.268195	75.60	0.37	75.97
7	53.380916	-2.268255	75.60	0.37	75.97
8	53.380997	-2.268106	75.60	0.37	75.97
9	53.380934	-2.268030	75.60	0.37	75.97
10	53.380889	-2.268120	75.60	0.37	75.97
11	53.380746	-2.267894	75.60	0.37	75.97
12	53.380800	-2.267804	75.60	0.37	75.97
13	53.380728	-2.267698	75.60	0.37	75.97
14	53.380647	-2.267848	75.60	0.37	75.97
15	53.380710	-2.267939	75.60	0.37	75.97
16	53.380556	-2.268208	75.60	0.37	75.97
17	53.380511	-2.268133	75.60	0.37	75.97
18	53.380602	-2.267968	75.60	0.37	75.97
19	53.380557	-2.267908	75.60	0.37	75.97
20	53.380737	-2.267578	75.60	0.37	75.97

Name: PV array 5

Axis tracking: Fixed (no rotation)

Tilt: 10.0°

Orientation: 137.0°

Rated power: -

Panel material: Smooth glass without AR coating

Reflectivity: Vary with sun

Slope error: correlate with material



Vertex	Latitude (°)	Longitude (°)	Ground elevation (m)	Height above ground (m)	Total elevation (m)
1	53.380511	-2.268073	75.60	0.37	75.97
2	53.380466	-2.268147	75.60	0.37	75.97
3	53.380439	-2.268117	75.60	0.37	75.97
4	53.380485	-2.268027	75.60	0.37	75.97