

Geographical Coordinates		Areas	
Country:	United Kingdom		
Address:	Preston Hill		
Latitude:	52.730768°		
Longitude:	-2.137427°		
Altitude:	0.5 m		
		Total	617,708 m²
			5,477 m

1 Typical Substructure

not to scale

Orientation
Module dimensions [mm]
Plane Tilt β [°]
Azimuth γ [°]
Clearance c [m]
Height h [m]
Pitch ρ [m]
Aisle width a [m]
Width w [m]
Proj. width w_p [m]

3P South
2.3m x 1.15m
min. 10 deg.
0 deg.
min. 0.70m
max. 3.00m
min. 9.00m
min. 2.16m
min. 6.94m
min. 6.84m

No. of panels

Legend

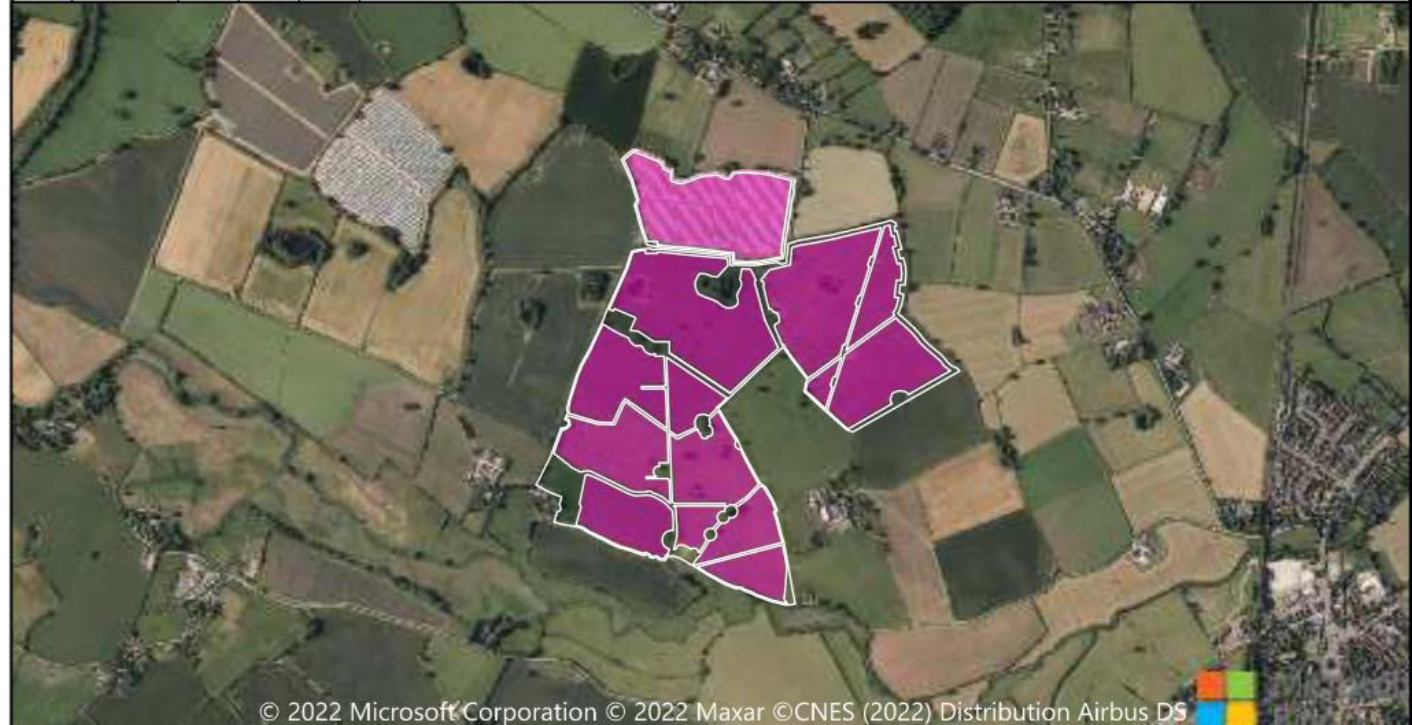
- PV Racks
- Application Boundary Line
- PV Array Boundary Line
- Fence Boundary Line
- Stock Fence
- Gate
- Transformer Station
- Substation Location
- Additional Trees
- Existing Hedge Line Opening
- Proposed Hedge Line Opening
- Existing Farm Track
- New Farm Track
- Existing OHL
- Substation Location
- Existing Trees and Hedges to be maintained and enhanced
- Faster growing/ mature planting (to be agreed with LPA)
- Additional Hedges
- Additional Tree Belt
- Wild Flower Meadow
- Existing Trees

Before undertaking any civil works, the location of overhead-lines, buried cables, gas and water pipes are to be checked on site and also the corresponding owners of the utilities are to be contacted

GBR.0009.DEV.M4.001.0.B.J

B.1	10 Nov 23	JE	GW	Ponds shown around mitigation
B.1	27 Oct 23	JE	GW	Panel moved to avoid RPA
B.1	21 Jan 23	JE	CH	Planning Boundary Further Amended
B.1	21 Jan 23	JE	CH	Planning Boundary Amended
B.1	16 Dec 22	JE	CF	Additional stock fence around pond
B.1	07 Dec 22	JE	CF	Tree belts and buffers amended
B.1	17 Nov 22	JE	CF	Fence line altered
B.1	14 Nov 22	JE	CF	Mitigation added on north of site and around substation
B.1	08 Nov 22	JE	CF	Buffer around pond increased
B.1	04 Nov 22	JE	CF	Added fence around pond and an additional hedge, panels removed
B	24 Jun 22	PFE	MMA	updated layout minor changes on the fence boundary, updated the boundary area and length
0	02 May 22	PFE	DTH	Original drawing

Rev.	Date	Des.	Chc.	Appr.	Revision Description
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Client: **Preston Hill Solar Farm**

Please note that all drawing contents have to be checked on the contractor's own responsibility prior to construction start. Discrepancies have to be communicated to the contractual partner or to the responsible technical planners. Drawing numbers and index have to be observed. With release of new drawings, previous drawings lose their validity and will not be withdrawn.

Project Management / Engineering Design		Version:	Metric	European Proj.
ibvogt		Name	Date	
ibvogt		Designed	Fernandez	24 Jun 22
ibvogt		Checked	Mahrous	24 Jun 22
ibvogt		Approved		
Engineering Design:		Project:	Preston Hill Solar Farm	
ibvogt		Planning Phase:	Approval Design	
ibvogt		Size:	A0, 1189x841	Drawing Scale: 1:2000
ibvogt		Page:	001 / 001	Status: 11 Nov 22
Supplier:		Title:	Module Array Layout	
ibvogt		Document No.:	GBR.0009.DEV.M4.001.0.B.J	

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