



PROJECT NAME: COVEN	
GRID REFERENCE :	SJ 90754 05831
SITE AREA:	141.72 Acres / 57.35 ha
MODULE TILT:	12°
PITCH:	10.37m
ROW TO ROW DISTANCE:	3.3m
NO. OF STRINGS:	2702
MODULE (MAKE AND MODEL):	JA SOLAR, JAM66D45 605/LB
MODULE POWER:	605W
MODULE DIMENSIONS:	2384mm X 1134mm
NUMBER OF MODULES:	78358
INVERTER (MAKE AND MODEL):	SUNGROW SG350HX
INVERTER POWER:	352kW
NUMBER OF INVERTERS:	113
3.0MVA TRANSFORMER:	5
2.5MVA TRANSFORMER:	6
2.0MVA TRANSFORMER:	5
1.5MVA TRANSFORMER:	2
NUMBER OF TRANSFORMERS:	18
TOTAL INSTALLED CAPACITY:	47.41MWp
MAX INVERTER AC POWER:	39.78MW

LEGEND	
	SITE BOUNDARY
	SECURITY FENCE
	PUBLIC RIGHT OF WAY
	OVERHEAD ELECTRICAL CABLES (33KV/11KV/6.6KV)
	OVERHEAD TELECOMMS (20KV/10KV/5KV)
	UNDERGROUND WATER TRUNK MAIN (20KV/10KV/5KV)
	DNO ACCESS ROUTE
	HY CABLE ROUTE - TRENCH
	LV CABLE ROUTE - TRAY
	UTILITY EASEMENT
	HARDSTANDING AREA
	ACCESS CROSSINGS
	AREA TO BE BALLASTED
	PV ARRAY
	INVERTER (MAKE, MODEL & SIZE)
	LV SWITCH/TRANSFORMER
	DNO SUBSTATION
	CUSTOMER SUBSTATION (PV)

0 10 20 40 60 80 100

Installer Details

Anesco Ltd,
The Green,
Easter Park,
Benyon Road,
Reading,
RG7 2PQ
Tel: 0845 894 4444

Comments

- Drawings are Indicative only.
- Design based on detailed OS Map.
- Additional site survey, topography and geotechnical study are required to confirm the capacity of the proposed system.
- There is a 5m buffer between fencing and solar panels and/or any other building on site.
- A double post ground mount system has been assumed.

Revision

Revision	Description	Revised By	Date	Drawn By
A	Issued for comment	JS	25/05/23	JS
B	Revised modules	JS	14/06/23	JS
C	Revised Planning Redline	JS	15/06/23	JS
D	DNO changed	JS	23/06/23	JS
E	Site Redesigned	JH	10/07/23	JS

Installation Address

Land At
Lawn Lane,
Coven,
WV9 5AZ

Project

Coven

Title

Site Layout

Drawing No.

C0002464_01

Rev.

E

Sheet Size

A1

Scale

1:2000

Not for Construction

Anesco™

AMAZING ENERGY