



NOT FOR CONSTRUCTION

1 BLOCK CONTAINS:

1 x SC5000UD-MV STATION COMPRISING OF
 - 2 x SC2500UD (2500kVA) PCS
 - 1 x 5000kVA 0.9kV/33kV TRANSFORMER
 4 x ST2580UX (2580kWh) BATTERY CONTAINER

TOTAL BLOCK:	11
INSTALLED BATTERY CAPACITY:	113.52MWh
USABLE BATTERY CAPACITY (EXCLUDING AUX.):	102.94MWh
POWER GENERATING FACILITY APPARENT POWER RATING:	55.00MVA
POWER GENERATING FACILITY REGISTERED CAPACITY:	51.68MW
POWER GENERATING FACILITY C-RATE:	0.5C
SITE RATED POWER OUTPUT @POC:	50.00MW

LEGEND	
	SITE BOUNDARY
	ACOUSTIC FENCE WITH GATE
	OVERHEAD ELECTRICAL CABLES (24m OVERALL EASEMENT)
	UNDERGROUND ELECTRICAL CABLES (14m OVERALL EASEMENT)
	UNDERGROUND GAS MAIN (24m OVERALL EASEMENT)
	UNDERGROUND WATER DRAINAGE (12m OVERALL EASEMENT)
	OVERHEAD ELECTRICAL CABLES (6m OVERALL EASEMENT)
	DNO ACCESS ROUTE
	HV CABLE ROUTE - TRENCH
	DC CABLE ROUTE - TRAY(BESS)
	DRAINAGE PIPE
	FLOW CONTROL CHAMBER
	UTILITY EASEMENT
	HARDSTANDING AREA
	LINED FIRE DRAINAGE POND
	ATTENUATION SWALE
	CUSTOMER SUBSTATION (BESS)
	MV CONTAINER
	2HR BATTERY CONTAINER
	132kV SUBSTATION (with palisade fencing) & DNO CONTROL ROOM

SITE INFORMATION
 Site area: 7.869 acres / 3.185 ha
 Grid Reference: SP 05209 96130

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

Comments
Not for Construction
 Area occupied by stables inside red line boundary removed - 981.5 m2(approx)

Revision	Description	Revised By	Date	Drawn By
A	Issued for comment	PJB	08/09/2021	
B	Site entrance relocated	PJB	03/11/2021	JH
C	System size revised and new 132kV substation added	PJB	16/02/2022	
D	132kV substation requirements revised and enlarged	PJB	28/02/2022	
E	BESS revised to 2hr system	PJB	14/06/2022	
F	Layout revised with Sungrow system solution	JS	31/08/2022	
G	Revision for submission to planning	JS	14/09/2022	
H	Revised to Sungrow 2h Solution	GM	12/04/2023	
J	Planning boundary amended	JSW	18/09/2023	
K	General Changes & drainage added	JH	31/07/2024	
L	Stock, site palisade fences & comms tower removed	JH	05/09/2024	
M	Stables inside red line boundary removed	RD	06/09/2024	
N	Drainage information updated.	JH	09/09/2024	

Installation Address
 Land off Chapel Lane,
 Great Barr,
 Walsall,
 WS9 0QU

Project
 CHAPEL LANE

Title
 SITE LAYOUT

Drawing No.
 C0002457_02

Rev.
 N

Scale
 1:500 @A2

Sheet Size
 A2

