

33kV SWITCHGEAR ROOM PANEL LIST						
PANEL NO.	SUBSTATION PLANT NO.	CIRCUIT LABEL	WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)	CABLE / PHASE
SPARE	SPARE	33kV SWITCHGEAR SPARE	600	2800	1686	TBC
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1	C11L5	33kV SWITCHGEAR OUTGOING MAMLSBURY RODBOURNE RAIL PV	600	2800	1686	TBC
2	C1W0	33kV SWITCHGEAR BUS COUPLER 1	900	2800	1862	TBC
3	C9L5	33kV SWITCHGEAR OUTGOING WAIN-1	600	2800	1686	TBC
4	C7L5	33kV SWITCHGEAR OUTGOING LYNSHAM	600	2800	1686	TBC
5	C1T0	33kV SWITCHGEAR INCOMER A1MT 132/33kV TRANSFORMER 1	600	2800	1862	TBC
6	C5L5	33kV SWITCHGEAR OUTGOING CASTLE COMBE PV GENERATION	600	2800	1686	TBC
7	C3L5	33kV SWITCHGEAR OUTGOING FORREST GATE GEN	600	2800	1686	TBC
8	C1L5	33kV SWITCHGEAR OUTGOING COCKLEBURY - 3	600	2800	1686	TBC
9	C1S0	33kV SWITCHGEAR BUS-SECTION MAIN 1 - 2	1000	2800	2090	TBC
10	C1P0	33kV SWITCHGEAR BUS-SECTION RESERVE 1 - 2	1000	2800	2030	TBC
11	C2L5	33kV SWITCHGEAR OUTGOING ROYSDEN YATTON KEYNELL	600	2800	1686	TBC
12	C4L5	33kV SWITCHGEAR OUTGOING LEIGH DELAMERE PV	600	2800	1686	TBC
13	C3T0	33kV SWITCHGEAR INCOMER A3MT 132/33kV TRANSFORMER 3	600	2800	1862	TBC
14	C8L5	33kV SWITCHGEAR OUTGOING COCKLEBURY - 2	600	2800	1686	TBC
15	C8L5	33kV SWITCHGEAR OUTGOING CALNE	600	2800	1686	TBC
16	C10L5	33kV SWITCHGEAR OUTGOING WAIN-2	600	2800	1686	TBC
17	C2S0	33kV SWITCHGEAR BUS-SECTION MAIN 2 - 3	1000	2800	2090	TBC
18	C2P0	33kV SWITCHGEAR BUS-SECTION RESERVE 2 - 3	1000	2800	2030	TBC
19	C12L5	33kV SWITCHGEAR OUTGOING 10.5 MW SSE THERMAL GENERATION (LOCAL)	600	2800	1686	TBC
20	C14L5	33kV SWITCHGEAR OUTGOING REDBARN SOLAR	600	2800	1686	TBC
21	C16L5	33kV SWITCHGEAR OUTGOING COCKLEBURY - 1	600	2800	1686	TBC
22	C2T0	33kV SWITCHGEAR INCOMER A2MT 132/33kV TRANSFORMER 2	600	2800	1862	TBC
23	C18L5	33kV SWITCHGEAR OUTGOING SUTTON BENDERLAKE FARM PV GENERATION	600	2800	1686	TBC
24	C20L5	33kV SWITCHGEAR OUTGOING YATTON KEYNELL/BATTENS PV FARM	600	2800	1686	TBC
25	C3W0	33kV SWITCHGEAR BUS COUPLER 2	900	2800	1862	TBC
26	C22L5	33kV SWITCHGEAR OUTGOING ROYSDEN	600	2800	1686	TBC
27	C24L5	33kV SWITCHGEAR OUTGOING SUTTON BENDER	600	2800	1686	TBC
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- NOTES:
- All levels are in metres (m) relative to Ordnance Datum.
 - All dimensions are in millimetres.
 - Minimum operation and working clearances in accordance with PR-NET-SST-005

VOLTAGE	PHASE TO EARTH CLEARANCE (P-E)	SAFETY WORKING CLEARANCE VERTICAL (D _v)	SAFETY WORKING CLEARANCE HORIZONTAL (D _h)	INSULATION HEIGHT - PEDESTRIAN ACCESS (IH)	PHASE TO PHASE CLEARANCE (P-P)
33kV	0.5m	2.90m	2.3m	2.4m	0.43m

- LEGEND:
- CABLE LADDER WITH SUPPORTING SYSTEM
 - FIRE ACCESS WALK WAY

- 1 - 1254mm(W)x2800mm(H) SLOT COVER 2 Nos.-SUPPLIED BY MANUFACTURER
- 2 - 864mm(W)x2800mm(H) SLOT COVER 2 Nos.-SUPPLIED BY MANUFACTURER
- 3 - 1107mm(W)x2800mm(H) SLOT COVER 2 Nos.-SUPPLIED BY MANUFACTURER

WORK IN PROGRESS

P02	05.09.2025	SECOND ISSUE	KS	KS	AA	WF
P01.01	28.04.2025	FIRST ISSUE	KS	KS	AA	WF
Rev	Date	Revision Desc.	Dm	Dsn	Rvr	App

Contractor

AUREOS

2nd Floor, Lindsey Street, London (EC1A 9HP)

Project Title

CHIPPENHAM 132/33kV SUBSTATION

Client

Scottish & Southern Electricity Networks

Drawing Title

33kV SWITCHGEAR ROOM PLAN & ELEVATION DRAWING

Drawing Stage:			Drawing Status:		
FOR APPROVAL			S3: Suitable for review and comment		
Job No.	Scale at	Date First Issued			
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Document No.	Sheet	Rev.			
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