

# High Voltage Inspection Report

Site	Canford Renewables	Substation	Syngas TPN
Insp. Frequency	6 mths	Inspected by	J. Dore
Site contact	Rob Dowding 07748 600180 (rob.dowding@C-R-E-Co.UK)	Engineer	T. Gregory
		Date	16/03/2020

## Substation Inspection Details

1) Security Locks	1	7) Interior Condition	1	13) Weeds/Rubbish	1	19) Heating	0
2) Fencing	0	8) Exterior Condition	1	14) Earthing Attachments	0	20) Ventilation	1
3) Earthing/Bonding	0	9) Windows/Doors/Gates	1	15) Test Probes	0	21) Log Book	0
4) Roof	1	10) Access/Security	1	16) Batteries	0	22) Telephone	0
5) Gutters	0	11) Stat. Notices/Sub. ID.	1	17) Fire/Safety/Equip.	0	23) First Aid Box	0
6) Walls	1	12) Trench Covers	0	18) Lighting	0	24) Weathershields	0

## High Voltage Equipment Inspection Details

Make	Schneider	Schneider	Schneider
<b>Switch Type or KVA</b>	Ringmaster CE2	Ringmaster CE2	Ringmaster SE6
<b>Serial No.</b>	102844607	102688464	102688587
<b>Circuit Identification</b>	TX J	TX E	SSE Incomer
25) Circuit Label	1	1	1
26) Operational Locks	4	4	4
27) Relay Condition	1 VIP300	1 VIP300	0
28) Indicator window(s)	1	1	1
29) Fluid/gas leaks	1	1	1
30) Fluid/gas levels	1	1	1
31) Compound leaks	0	0	0
32) Termination boxes	1	1	1
33) Earth Connections	1	1	1
34) LV cable box Earth	0	0	0
35) HV cable box Earth	1	1	1
36) Operating Handles	1	1	1
37) Tap changer lock	0	0	0
38) Breather Pipe/Gel	0	0	0
39) Draw off tap/plug	0	0	0
40) Temperature gauge	0	0	0
41) Paintwork Condition	1	1	1
42) Signs of distress	1	1	1
43) Signs of overheating	1	1	1
44) Ultratev Check	0	0	0

Key: 0 - Not Applicable. 1 - Routine inspection Carried out/Satisfactory. 2 - Restored. 3 - Changed. 4 - Further attention required see comments.

Item No.	Code	Comment
26	4	Operational locks missing from switchgear, 1 lock per switch.