SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50BYD01 XW51	UNIT 5 SAT PLC COOLING FAN/BATT	FAULT NORMAL							2561	A 1	S/W 0 D 1.00
50BYD01 XW02	UNIT 5 SAT PLC MCB TRIPPED	ALARM NORMAL						I 8.7	2562	A 1	S/W 1 D 1.01
50BBA10 EG012 XQ52	11kV UNIT BD 5A LOOP SUPPLY AMPS	> 1900 A < 1900 A							2563	A 1	S/W 2 D 1.02
51BCA02 EG012 XQ52	6.6kV SERV BD 5A INCOMER AMPS	> 2200 A < 2200 A							2564	A 1	S/W 3 D 1.03
52BCA02 EG012 XQ52	6.6kV SERV BD 5B INCOMER AMPS	> 2200 A < 2200 A							2565	A 1	S/W 4 D 1.04
50MKA10 EG010 XW54	GEN 5 UNDER/OVER FREQENCY	DETECTED NORMAL							2566	A 1	S/W 5 D 1.05
50BAT10 EG001 XB60	GEN TRFR 5 TAP CHANGER	ACTIVE COMPLETE							2567	A 2	S/W 6 D 1.06
50BYD01 XW00	UNIT 5 PLC	STOPPED RUN							2568	A 1	S/W 7 D 1.07
50BYD01 EG001 XW00	UNIT 5 H1 LINK TO HV CO-ORD	DISCONN ONLINE							2569	A 1	S/W 8 D 1.08
50BYD01 EG002 XW00	UNIT 5 H1 LINK TO UNIT CO-ORD	DISCONN ONLINE							2570	A 1	S/W 9 D 1.09
50BYD01 EG003 XW00	UNIT 5 H1 LINK TO STN CO-ORD	DISCONN ONLINE							2571	A 1	S/W 10 D 1.10
50BYD01 EG005 XW00	UNIT 5 H1 LINK TO HVY PLC	DISCONN ONLINE							2572	A 1	S/W 11 D 1.11
50BYD01 EG006 XW00	UNIT 5 H1 LINK TO SSB PLC	DISCONN ONLINE							2573	A 1	S/W 12 D 1.12
50BYD01 EG007 XW00	UNIT 5 H1 LINK TO GAS TURBINE	DISCONN ONLINE							2574	A 1	S/W 13 D 1.13
50BYD01 EG008 XW00	UNIT 5 H1 LINK TO UNIT 1 PLC	DISCONN ONLINE							2575	A 1	S/W 14 D 1.14
50BYD01 EG009 XW00	UNIT 5 H1 LINK TO UNIT 3 PLC	DISCONN ONLINE							2576	A 1	S/W 15 D 1.15
51BBA01 XW88	11kV UNIT BD 5A CUB01 BKR OPEN	FAIL NORMAL							2577	A 2	S/W 16 D 2.00
51BBA01 XW89	11kV UNIT BD 5A CUB01 BKR CLOSE	FAIL NORMAL							2578	A 2	S/W 17 D 2.01
51BBA03 XW88	11kV UNIT BD 5A CUB03 BKR OPEN	FAIL NORMAL							2579	A 2	S/W 18 D 2.02
51BBA03 XW89	11kV UNIT BD 5A CUB03 BKR CLOSE	FAIL NORMAL							2580	A 2	S/W 19 D 2.03
51BBA05 XW88	11kV UNIT BD 5A CUB05 BKR OPEN	FAIL NORMAL							2581	A 2	S/W 20 D 2.04
51BBA05 XW89	11kV UNIT BD 5A CUB05 BKR CLOSE	FAIL NORMAL							2582	A 2	S/W 21 D 2.05
51BBA06 XW88	11kV UNIT BD 5A CUB06 BKR OPEN	FAIL NORMAL							2583	A 2	S/W 22 D 2.06
51BBA06 XW89	11kV UNIT BD 5A CUB06 BKR CLOSE	FAIL NORMAL							2584	A 2	S/W 23 D 2.07

SIGNAL KKS		DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
51BBA07	XW88	11kV UNIT BD 5A CUB07 BKR OPEN	FAIL NORMAL							2585	A 2	S/W 24 D 2.08
51BBA07	XW89	11kV UNIT BD 5A CUB07 BKR CLOSE	FAIL NORMAL							2586	A 2	S/W 25 D 2.09
51BBA08	XW88	11kV UNIT BD 5A CUB08 BKR OPEN	FAIL NORMAL							2587	A 2	S/W 26 D 2.10
51BBA08	XW89	11kV UNIT BD 5A CUB08 BKR CLOSE	FAIL NORMAL							2588	A 2	S/W 27 D 2.11
51BBA09	XW88	11kV UNIT BD 5A CUB09 BKR OPEN	FAIL NORMAL							2589	A 2	S/W 28 D 2.12
51BBA09	XW89	11kV UNIT BD 5A CUB09 BKR CLOSE	FAIL NORMAL							2590	A 2	S/W 29 D 2.13
51BBA10	XW88	11kV UNIT BD 5A CUB10 BKR OPEN	FAIL NORMAL							2591	A 2	S/W 30 D 2.14
51BBA10	XW89	11kV UNIT BD 5A CUB10 BKR CLOSE	FAIL NORMAL							2592	A 2	S/W 31 D 2.15
		UNIT 5 SPARE (ALARM NUMBER 2593)								2593	E 3	S/W 32 D 3.00
		UNIT 5 SPARE (ALARM NUMBER 2594)								2594	E 3	S/W 33 D 3.01
51BBA12	XW88	11kV UNIT BD 5A CUB12 BKR OPEN	FAIL NORMAL							2595	A 2	S/W 34 D 3.02
51BBA12	XW89	11kV UNIT BD 5A CUB12 BKR CLOSE	FAIL NORMAL							2596	A 2	S/W 35 D 3.03
51BCA01	XW88	6.6kV SERV BD 5A CUB01 BKR OPEN	FAIL NORMAL							2597	A 2	S/W 36 D 3.04
51BCA01	XW89	6.6kV SERV BD 5A CUB01 BKR CLOSE	FAIL NORMAL							2598	A 2	S/W 37 D 3.05
51BCA02	XW88	6.6kV SERV BD 5A CUB02 BKR OPEN	FAIL NORMAL							2599	A 2	S/W 38 D 3.06
51BCA02	XW89	6.6kV SERV BD 5A CUB02 BKR CLOSE	FAIL NORMAL							2600	A 2	S/W 39 D 3.07
		UNIT 5 SPARE (ALARM NUMBER 2601)								2601	E 3	S/W 40 D 3.08
		UNIT 5 SPARE (ALARM NUMBER 2602)								2602	E 3	S/W 41 D 3.09
50CJN00	XW88	GEN 5 FIELD BREAKER OPEN	FAIL NORMAL							2603	A 2	S/W 42 D 3.10
50BAC01	XW89	GEN 5 22kV BREAKER CLOSE	FAIL NORMAL							2604	A 2	S/W 43 D 3.11
50CJN00	XW89	GEN 5 FIELD BREAKER CLOSE	FAIL NORMAL							2605	A 2	S/W 44 D 3.12
		UNIT 5 SPARE (ALARM NUMBER 2606)								2606	E 3	S/W 45 D 3.13
		UNIT 5 SPARE (ALARM NUMBER 2607)								2607	E 3	S/W 46 D 3.14
		UNIT 5 SPARE (ALARM NUMBER 2608)								2608	E 3	S/W 47 D 3.15

SIGNAL KKS		DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
52BBA03	XW88	11kV UNIT BD 5B CUB03 BKR OPEN	FAIL NORMAL							2609	A 2	S/W 48 D 4.00
52BBA03	XW89	11kV UNIT BD 5B CUB03 BKR CLOSE	FAIL NORMAL							2610	A 2	S/W 49 D 4.01
52BBA05	XW88	11kV UNIT BD 5B CUB05 BKR OPEN	FAIL NORMAL							2611	A 2	S/W 50 D 4.02
52BBA05	XW89	11kV UNIT BD 5B CUB05 BKR CLOSE	FAIL NORMAL							2612	A 2	S/W 51 D 4.03
52BBA06	XW88	11kV UNIT BD 5B CUB06 BKR OPEN	FAIL NORMAL							2613	A 2	S/W 52 D 4.04
52BBA06	XW89	11kV UNIT BD 5B CUB06 BKR CLOSE	FAIL NORMAL							2614	A 2	S/W 53 D 4.05
52BBA07	XW88	11kV UNIT BD 5B CUB07 BKR OPEN	FAIL NORMAL							2615	A 2	S/W 54 D 4.06
52BBA07	XW89	11kV UNIT BD 5B CUB07 BKR CLOSE	FAIL NORMAL							2616	A 2	S/W 55 D 4.07
52BBA08	XW88	11kV UNIT BD 5B CUB08 BKR OPEN	FAIL NORMAL							2617	A 2	S/W 56 D 4.08
52BBA08	XW89	11kV UNIT BD 5B CUB08 BKR CLOSE	FAIL NORMAL							2618	A 2	S/W 57 D 4.09
52BBA09	XW88	11kV UNIT BD 5B CUB09 BKR OPEN	FAIL NORMAL							2619	A 2	S/W 58 D 4.10
52BBA09	XW89	11kV UNIT BD 5B CUB09 BKR CLOSE	FAIL NORMAL							2620	A 2	S/W 59 D 4.11
52BBA10	XW88	11kV UNIT BD 5B CUB10 BKR OPEN	FAIL NORMAL							2621	A 2	S/W 60 D 4.12
52BBA10	XW89	11kV UNIT BD 5B CUB10 BKR CLOSE	FAIL NORMAL							2622	A 2	S/W 61 D 4.13
52BBA11	XW88	11kV UNIT BD 5B CUB11 BKR OPEN	FAIL NORMAL							2623	A 2	S/W 62 D 4.14
52BBA11	XW89	11kV UNIT BD 5B CUB11 BKR CLOSE	FAIL NORMAL							2624	A 2	S/W 63 D 4.15
52BBA12	XW88	11kV UNIT BD 5B CUB12 BKR OPEN	FAIL NORMAL							2625	A 2	S/W 64 D 5.00
52BBA12	XW89	11kV UNIT BD 5B CUB12 BKR CLOSE	FAIL NORMAL							2626	A 2	S/W 65 D 5.01
		UNIT 5 SPARE (ALARM NUMBER 2627)								2627	E 3	S/W 66 D 5.02
		UNIT 5 SPARE (ALARM NUMBER 2628)								2628	E 3	S/W 67 D 5.03
52BCA01	XW88	6.6kV SERV BD 5B CUB01 BKR OPEN	FAIL NORMAL							2629	A 2	S/W 68 D 5.04
52BCA01	XW89	6.6kV SERV BD 5B CUB01 BKR CLOSE	FAIL NORMAL							2630	A 2	S/W 69 D 5.05
		UNIT 5 SPARE (ALARM NUMBER 2631)								2631	E 3	S/W 70 D 5.06
		UNIT 5 SPARE (ALARM NUMBER 2632)								2632	E 3	S/W 71 D 5.07

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50BCA00 XW88	GEN 5 22kV BREAKER OPEN	FAIL NORMAL							2633	A 2	S/W 72 D 5.08
50BCA00 XW89	GEN 5 22kV BREAKER CLOSE	FAIL NORMAL							2634	A 2	S/W 73 D 5.09
50BCA00 XW22	GEN 5 22kV BREAKER	ANTIVAL CLEARED							2635	A 2	S/W 74 D 5.10
	UNIT 5 SPARE (ALARM NUMBER 2636)								2636	E 3	S/W 75 D 5.11
50ACA00 GS101 XW88	GEN 5 400kV BREAKER OPEN	FAIL NORMAL							2637	A 2	S/W 76 D 5.12
50ACA00 GS101 XW89	GEN 5 400kV BREAKER CLOSE	FAIL NORMAL							2638	A 2	S/W 77 D 5.13
50ACA00 GS101 XW22	GEN 5 400kV BREAKER	ANTIVAL CLEARED							2639	A 2	S/W 78 D 5.14
	UNIT 5 SPARE (ALARM NUMBER 2640)								2640	E 3	S/W 79 D 5.15
50ACA00 GS101 XW88	GEN 5 400kV BUSBAR 1 LINKS OPEN	FAIL NORMAL							2641	A 2	S/W 80 D 6.00
50ACA00 GS101 XW89	GEN 5 400kV BUSBAR 1 LINKS CLOSE	FAIL NORMAL							2642	A 2	S/W 81 D 6.01
50ACA00 GS101 XW22	GEN 5 400kV BUSBAR 1 LINKS	ANTIVAL CLEARED							2643	A 2	S/W 82 D 6.02
	UNIT 5 SPARE (ALARM NUMBER 2644)								2644	E 3	S/W 83 D 6.03
50ACA00 GS101 XW88	GEN 5 400kV BUSBAR 1 LINKS OPEN	FAIL NORMAL							2645	A 2	S/W 84 D 6.04
50ACA00 GS101 XW89	GEN 5 400kV BUSBAR 1 LINKS CLOSE	FAIL NORMAL							2646	A 2	S/W 85 D 6.05
50ACA00 GS101 XW22	GEN 5 400kV BUSBAR 1 LINKS	ANTIVAL CLEARED							2647	A 2	S/W 86 D 6.06
	UNIT 5 SPARE (ALARM NUMBER 2648)								2648	E 3	S/W 87 D 6.07
50BYD01 EG010 XW00	UNIT 5 H1 LINK TO HVY PLC	OFFLINE ONLINE							2649	A 2	S/W 88 D 6.08
50BYD01 EG011 XW00	UNIT 5 H1 LINK TO SSB PLC	OFFLINE ONLINE							2650	A 2	S/W 89 D 6.09
50BYD01 EG012 XW00	UNIT 5 H1 LINK T0 GAS TURBINE	OFFLINE ONLINE							2651	A 2	S/W 90 D 6.10
50BYD01 EG013 XW00	UNIT 5 H1 LINK TO UNIT 1 PLC	OFFLINE ONLINE							2652	A 2	S/W 91 D 6.11
50BYD01 EG014 XW00	UNIT 5 H1 LINK TO UNIT 3 PLC	OFFLINE ONLINE							2653	A 2	S/W 92 D 6.12
	UNIT 5 SPARE (ALARM NUMBER 2654)								2654	E 3	S/W 93 D 6.13
	UNIT 5 SPARE (ALARM NUMBER 2655)								2655	E 3	S/W 94 D 6.14
	UNIT 5 SPARE (ALARM NUMBER 2656)								2656	E 3	S/W 95 D 6.15

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50BYD01 EW001 XW00	UNIT 5 E490 MODULE	FAULT							2657	E 3	Vir 096
50BYD01 EW002 XW00	UNIT 5 E490 MESSAGE MEMORY	FULL							2658	E 3	Vir 097
50BYD01 EW003 XW00	UNIT 5 E490 POWER	FAILED							2659	E 3	Vir 098
50BYD01 EW004 XW00	UNIT 5 E490 POWER	NORMAL							2660	E 3	Vir 099
50BYD01 EW005 XW00	UNIT 5 E490 AUTOMATIC TEST	FAILED							2661	E 3	Vir 100
50BYD01 EW006 XW00	UNIT 5 E490 DATE/TIME	UPDATED							2662	E 3	Vir 101
50BYD01 EW007 XW00	UNIT 5 E490 UNIT	FAILED							2663	E 3	Vir 102
50BYD01 EW008 XW00	UNIT 5 E490 UNIT	NORMAL							2664	E 3	Vir 103
50BYD01 EW009 XW00	UNIT 5 E490 SYNCHRONISATION	FAILED							2665	E 3	Vir 104
50BYD01 EW010 XW00	UNIT 5 E490 SYNCHRONISATION	NORMAL							2666	E 3	Vir 105
	UNIT 5 SPARE (ALARM NUMBER 2667)								2667	E 3	Vir 106
	UNIT 5 SPARE (ALARM NUMBER 2668)								2668	E 3	Vir 107
	UNIT 5 SPARE (ALARM NUMBER 2669)								2669	E 3	Vir 108
	UNIT 5 SPARE (ALARM NUMBER 2670)								2670	E 3	Vir 109
	UNIT 5 SPARE (ALARM NUMBER 2671)								2671	E 3	Vir 110
	UNIT 5 SPARE (ALARM NUMBER 2672)								2672	E 3	Vir 111
	UNIT 5 SPARE (ALARM NUMBER 2673)								2673	E 3	Vir 112
	UNIT 5 SPARE (ALARM NUMBER 2674)								2674	E 3	Vir 113
	UNIT 5 SPARE (ALARM NUMBER 2675)								2675	E 3	Vir 114
	UNIT 5 SPARE (ALARM NUMBER 2676)								2676	E 3	Vir 115
	UNIT 5 SPARE (ALARM NUMBER 2677)								2677	E 3	Vir 116
	UNIT 5 SPARE (ALARM NUMBER 2678)								2678	E 3	Vir 117
	UNIT 5 SPARE (ALARM NUMBER 2679)								2679	E 3	Vir 118
	UNIT 5 SPARE (ALARM NUMBER 2680)								2680	E 3	Vir 119

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
	UNIT 5 SPARE (ALARM NUMBER 2681)								2681	E 3	Vir 120
	UNIT 5 SPARE (ALARM NUMBER 2682)								2682	E 3	Vir 121
	UNIT 5 SPARE (ALARM NUMBER 2683)								2683	E 3	Vir 122
	UNIT 5 SPARE (ALARM NUMBER 2684)								2684	E 3	Vir 123
	UNIT 5 SPARE (ALARM NUMBER 2685)								2685	E 3	Vir 124
	UNIT 5 SPARE (ALARM NUMBER 2686)								2686	E 3	Vir 125
	UNIT 5 SPARE (ALARM NUMBER 2687)								2687	E 3	Vir 126
	UNIT 5 SPARE (ALARM NUMBER 2688)								2688	E 3	Vir 127
	UNIT 5 SPARE (ALARM NUMBER 2688)								2689	E 3	H/W 128
50BAW00 XB01	GEN 5 22kV EARTH SWITCH	OFF ON	50BAY10 AA001 X1:31/X3:32	50BYD01 XB:067 AB	Be/1P R/1P	50BAY8004	UVG4ACV	I 9.3	2690	ES 3	H/W 129
50BAC00 XB51	GEN 5 22kV BREAKER	LOC/OFF REMOTE	50BAY30 AA001 X03 039/040	50BYD01 XB:008 GH	W/1P Bk/1P	50BAY8010	UVG4ACV	I 9.2	2691	ES 2	H/W 130
50BDE03 EW003 XB01	3.3kV U5 D/GEN BD CUB03 ISOLATOR	CLOSED OPENED	50BDE03 AA001 X03 020/021	50BYD01 XB:011 CD	Gy/1P Y/1P	50BDE8002	UVG4ACV	I 16.0	2692	ES 3	H/W 131
50BFF01 XB01	380V U5 FLY ASH BUNK BD CUB 01	OPENED CLOSED	50BFF01 AA001 X05 128/129	50BYD01 XB:068 EF	Gn/1P Bn/1P	50BFF8003	UVG4ACV	I 6.6	2693	ES 3	H/W 132
50BAC00 XB02	GEN 5 22kV BREAKER	CLOSED NotCLOSE	50BAY30 AA001 X04 048/049	50BYD01 XB:008 AB	Be/1P R/1P	50BAY8010	UVG4ACV	I 9.0	2694	ES 3	H/W 133
50BAC00 XB01	GEN 5 22kV BREAKER	OPENED Not OPEN	50BAY30 AA001 X04 068/069	50BYD01 XB:008 CD	Gy/1P Y/1P	50BAY8010	UVG4ACV	I 9.1	2695	ES 3	H/W 134
50BDE01 EW001 XB01	3.3kV U5 D/GEN BD CUB01 BKR	OPENED CLOSED	50BDE01 AA001 X02 041/042	50BYD01 XB:010 EF	Gn/1P Bn/1P	50BDE8001	UVG4ACV	I 4.0	2696	ES 3	H/W 135
50BDE03 EW001 XB01	3.3kV U5 D/GEN BD CUB03 BKR	OPENED CLOSED	50BDE03 AA001 X02 045/046	50BYD01 XB:011 EF	Gn/1P Bn/1P	50BDE8002	UVG4ACV	I 4.1	2697	ES 3	H/W 136
50BFB01 XB01	380V UNIT STANDBY BD 5 CUB01 BKR	OPENED CLOSED	50BFB01 AA001 X05 128/129	50BYD01 XB:012 EF	Gn/1P Bn/1P	50BFB8001	UVG4ACV	I 4.2	2698	ES 3	H/W 137
50BFB06 XB01	380V UNIT STANDBY BD 5 CUB06 BKR	OPENED CLOSED	50BFB06 AA001 X05 128/129	50BYD01 XB:013 EF	Gn/1P Bn/1P	50BFB8002	UVG4ACV	I 4.7	2699	ES 3	H/W 138
50BFB02 XB01	380V UNIT STANDBY BD 5 CUB02 BKR	OPENED CLOSED	50BFB02 AA001 X05 128/129	50BYD01 XB:014 EF	Gn/1P Bn/1P	50BFB8003	UVG4ACV	I 4.3	2700	ES 3	H/W 139
50BFB03 XB01	380V UNIT STANDBY BD 5 CUB03 BKR	OPENED CLOSED	50BFB03 AA001 X05 128/129	50BYD01 XB:015 EF	Gn/1P Bn/1P	50BFB8004	UVG4ACV	I 4.4	2701	ES 3	H/W 140
50BFB04 XB01	380V UNIT STANDBY BD 5 CUB04 BKR	OPENED CLOSED	50BFB04 AA001 X05 128/129	50BYD01 XB:016 EF	Gn/1P Bn/1P	50BFB8005	UVG4ACV	I 4.5	2702	ES 3	H/W 141
50BFB05 XB01	380V UNIT STANDBY BD 5 CUB05 BKR	OPENED CLOSED	50BFB05 AA001 X05 128/129	50BYD01 XB:017 EF	Gn/1P Bn/1P	50BFB8006	UVG4ACV	I 4.6	2703	ES 3	H/W 142
50BMA12 XB01	380V U/DIESEL GEN BD 5 CUB12 BKR	OPENED CLOSED	50BMA12 AA001 X05 120/121	50BYD01 XB:018 EF	Gn/1P Bn/1P	50BMA8001	UVG4ACV	I 5.0	2704	ES 3	H/W 143

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50BMA13 XB01	380V U/DIESEL GEN BD 5 CUB13 BKR	OPENED CLOSED	50BMA13 AA001 X05 120/121	50BYD01 XB:019 EF	Gn/1P Bn/1P	50BMA8002	UVG4ACV	I 5.1	2705	ES 3	H/W 144
50BMA14 XB01	380V U/DIESEL GEN BD 5 CUB14 BKR	OPENED CLOSED	50BMA14 AA001 X05 120/121	50BYD01 XB:020 EF	Gn/1P Bn/1P	50BMA8003	UVG4ACV	I 5.2	2706	ES 3	H/W 145
50BMA15 XB01	380V U/DIESEL GEN BD 5 CUB15 BKR	OPENED CLOSED	50BMA15 AA001 X05 120/121	50BYD01 XB:021 EF	Gn/1P Bn/1P	50BMA8004	UVG4ACV	I 5.3	2707	ES 3	H/W 146
51BBA01 XB01	11kV UNIT BD 5A CUBO1 BKR	OPENED CLOSED	51BBA01 AA001 X02 043/044	50BYD01 XB:022 EF	Gn/1P Bn/1P	51BBA8001	UVG8ACV	I 10.0	2708	ES 3	H/W 147
51BBA01 XB51	11kV UNIT BD 5A CUB01	LOC/OFF REMOTE	51BBA01 AA001 X02 054/055	50BYD01 XB:022 GH	W/1P Bk/1P	51BBA8001	UVG8ACV	I 10.1	2709	ES 2	H/W 148
51BBA03 EW001 XB01	11kV UNIT BD 5A CUBO3 BKR	OPENED CLOSED	51BBA03 AA001 X03 003/004	50BYD01 XB:024 EF	Gn/1P Bn/1P	51BBA8004	UVG8ACV	I 10.2	2710	ES 3	H/W 149
51BBA03 XB51	11kV UNIT BD 5A CUB03	LOC/OFF REMOTE	51BBA03 AA001 X03 014/015	50BYD01 XB:024 GH	W/1P Bk/1P	51BBA8004	UVG8ACV	I 10.3	2711	ES 2	H/W 150
51BBA09 XB01	11kV UNIT BD 5A CUBO9 BKR	OPENED CLOSED	51BBA09 AA001 X03 003/004	50BYD01 XB:026 EF	Gn/1P Bn/1P	51BBA8005	UVG4ACV	I 11.4	2712	ES 3	H/W 151
51BBA09 XB51	11kV UNIT BD 5A CUB09	LOC/OFF REMOTE	51BBA09 AA001 X03 014/015	50BYD01 XB:026 GH	W/1P Bk/1P	51BBA8005	UVG4ACV	I 11.5	2713	ES 2	H/W 152
51BBA10 EW001 XB01	11kV UNIT BD 5A CUB10 BKR	OPENED CLOSED	51BBA10 AA001 X02 055/056	50BYD01 XB:027 EF	Gn/1P Bn/1P	51BBA8006	UVG8ACV	I 11.6	2714	ES 3	H/W 153
51BBA10 XB51	11kV UNIT BD 5A CUB10	LOC/OFF REMOTE	51BBA10 AA001 X03 006/007	50BYD01 XB:027 GH	W/1P Bk/1P	51BBA8006	UVG8ACV	I 11.7	2715	ES 2	H/W 154
51BBA12 XB01	11kV UNIT BD 5A CUB12 BKR	OPENED CLOSED	51BBA12 AA001 X03 003/004	50BYD01 XB:029 EF	Gn/1P Bn/1P	51BBA8007	UVG4ACV	I 12.0	2716	ES 3	H/W 155
51BBA12 XB51	11kV UNIT BD 5A CUB12	LOC/OFF REMOTE	51BBA12 AA001 X03 014/015	50BYD01 XB:029 GH	W/1P Bk/1P	51BBA8007	UVG4ACV	I 12.1	2717	ES 2	H/W 156
51BBA05 XB01	11kV UNIT BD 5A CUBO5 BKR	OPENED CLOSED	51BBA05 AA001 X02 053/054	50BYD01 XB:031 EF	Gn/1P Bn/1P	51BBA8008	UVG4ACV	I 10.4	2718	ES 3	H/W 157
51BBA05 XB51	11kV UNIT BD 5A CUB05	LOC/OFF REMOTE	51BBA05 AA001 X03 006/007	50BYD01 XB:031 GH	W/1P Bk/1P	51BBA8008	UVG4ACV	I 10.5	2719	ES 2	H/W 158
51BBA06 XB01	11kV UNIT BD 5A CUBO6 BKR	OPENED CLOSED	51BBA06 AA001 X03 003/004	50BYD01 XB:033 EF	Gn/1P Bn/1P	51BBA8009	UVG4ACV	I 10.6	2720	ES 3	H/W 159
51BBA06 XB51	11kV UNIT BD 5A CUB06	LOC/OFF REMOTE	51BBA06 AA001 X03 014/015	50BYD01 XB:033 GH	W/1P Bk/1P	51BBA8009	UVG4ACV	I 10.7	2721	ES 2	H/W 160
51BBA07 XB01	11kV UNIT BD 5A CUBO7 BKR	OPENED CLOSED	51BBA07 AA001 X03 003/004	50BYD01 XB:034 EF	Gn/1P Bn/1P	51BBA8010	UVG4ACV	I 11.0	2722	ES 3	H/W 161
51BBA07 XB51	11kV UNIT BD 5A CUB07	LOC/OFF REMOTE	51BBA07 AA001 X03 014/015	50BYD01 XB:034 GH	W/1P Bk/1P	51BBA8010	UVG4ACV	I 11.1	2723	ES 2	H/W 162
51BBA08 XB01	11kV UNIT BD 5A CUBO8 BKR	OPENED CLOSED	51BBA08 AA001 X03 003/004	50BYD01 XB:036 EF	Gn/1P Bn/1P	51BBA8011	UVG4ACV	I 11.2	2724	ES 3	H/W 163
51BBA08 XB51	11kV UNIT BD 5A CUB08	LOC/OFF REMOTE	51BBA08 AA001 X03 014/015	50BYD01 XB:036 GH	W/1P Bk/1P	51BBA8011	UVG4ACV	I 11.3	2725	ES 2	H/W 164
51BCA01 XB01	6.6kV SERV BD 5A CUB01 BKR	OPENED CLOSED	51BCA01 AA001 X02 043/044	50BYD01 XB:037 EF	Gn/1P Bn/1P	51BCA8001	UVG8ACV	I 9.4	2726	ES 3	H/W 165
51BCA01 XB51	6.6kV SERV BD 5A CUB01	LOC/OFF REMOTE	51BCA01 AA001 X02 054/055	50BYD01 XB:037 GH	W/1P Bk/1P	51BCA8001	UVG8ACV	I 9.5	2727	ES 2	H/W 166
51BCA02 EW001 XB01	6.6kV SERV BD 5A CUB02 BKR	OPENED CLOSED	51BCA02 AA001 X03 003/004	50BYD01 XB:039 EF	Gn/1P Bn/1P	51BCA8003	UVG8ACV	I 9.6	2728	ES 3	H/W 167

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
51BCA02 XB51	6.6kV SERV BD 5A CUB02	LOC/OFF REMOTE	51BCA02 AA001 X03 014/015	50BYD01 XB:039 GH	W/1P Bk/1P	51BCA8003	UVG8ACV	I 9.7	2729	ES 2	H/W 168
51BFA19 XB01	380V UNIT BD 5A CUB19 BKR	OPENED CLOSED	51BFA19 AA001 X05 128/129	50BYD01 XB:041 EF	Gn/1P Bn/1P	51BFA8001	UVG4ACV	I 5.4	2730	ES 3	H/W 169
51BFA20 XB01	380V UNIT BD 5A CUB20 BKR	OPENED CLOSED	51BFA20 AA001 X05 128/129	50BYD01 XB:042 EF	Gn/1P Bn/1P	51BFA8002	UVG4ACV	I 5.5	2731	ES 3	H/W 170
51BFA21 XB01	380V UNIT BD 5A CUB21 BKR	OPENED CLOSED	51BFA21 AA001 X05 128/129	50BYD01 XB:043 EF	Gn/1P Bn/1P	51BFA8004	UVG8ACV	I 5.6	2732	ES 3	H/W 171
52BBA03 EW001 XB01	11kV UNIT BD 5B CUBO3 BKR	OPENED CLOSED	52BBA03 AA001 X03 003/004	50BYD01 XB:044 EF	Gn/1P Bn/1P	52BBA8003	UVG8ACV	I 12.2	2733	ES 3	H/W 172
52BBA03 XB51	11kV UNIT BD 5B CUB03	LOC/OFF REMOTE	52BBA03 AA001 X03 014/015	50BYD01 XB:044 GH	W/1P Bk/1P	52BBA8003	UVG8ACV	I 12.3	2734	ES 2	H/W 173
52BBA05 XB01	11kV UNIT BD 5B CUBO5 BKR	OPENED CLOSED	52BBA05 AA001 X02 053/054	50BYD01 XB:046 EF	Gn/1P Bn/1P	52BBA8004	UVG4ACV	I 12.4	2735	ES 3	H/W 174
52BBA05 XB51	11kV UNIT BD 5B CUB05	LOC/OFF REMOTE	52BBA05 AA001 X03 006/007	50BYD01 XB:046 GH	W/1P Bk/1P	52BBA8004	UVG4ACV	I 12.5	2736	ES 2	H/W 175
52BBA06 XB01	11kV UNIT BD 5B CUBO6 BKR	OPENED CLOSED	52BBA06 AA001 X03 003/004	50BYD01 XB:047 EF	Gn/1P Bn/1P	52BBA8005	UVG4ACV	I 12.6	2737	ES 3	H/W 176
52BBA06 XB51	11kV UNIT BD 5B CUB06	LOC/OFF REMOTE	52BBA06 AA001 X03 014/015	50BYD01 XB:047 GH	W/1P Bk/1P	52BBA8005	UVG4ACV	I 12.7	2738	ES 2	H/W 177
52BBA07 XB01	11kV UNIT BD 5B CUBO7 BKR	OPENED CLOSED	52BBA07 AA001 X03 003/004	50BYD01 XB:049 EF	Gn/1P Bn/1P	52BBA8006	UVG4ACV	I 13.0	2739	ES 3	H/W 178
52BBA07 XB51	11kV UNIT BD 5B CUB07	LOC/OFF REMOTE	52BBA07 AA001 X03 014/015	50BYD01 XB:049 GH	W/1P Bk/1P	52BBA8006	UVG4ACV	I 13.1	2740	ES 2	H/W 179
52BBA08 XB01	11kV UNIT BD 5B CUBO8 BKR	OPENED CLOSED	52BBA08 AA001 X03 003/004	50BYD01 XB:050 EF	Gn/1P Bn/1P	52BBA8007	UVG4ACV	I 13.2	2741	ES 3	H/W 180
52BBA08 XB51	11kV UNIT BD 5B CUB08	LOC/OFF REMOTE	52BBA08 AA001 X03 014/015	50BYD01 XB:050 GH	W/1P Bk/1P	52BBA8007	UVG4ACV	I 13.3	2742	ES 2	H/W 181
52BBA09 XB01	11kV UNIT BD 5B CUBO9 BKR	OPENED CLOSED	52BBA09 AA001 X03 003/004	50BYD01 XB:051 EF	Gn/1P Bn/1P	52BBA8008	UVG4ACV	I 13.4	2743	ES 3	H/W 182
52BBA09 XB51	11kV UNIT BD 5B CUB09	LOC/OFF REMOTE	52BBA09 AA001 X03 014/015	50BYD01 XB:051 GH	W/1P Bk/1P	52BBA8008	UVG4ACV	I 13.5	2744	ES 2	H/W 183
52BBA10 XB01	11kV UNIT BD 5B CUB10 BKR	OPENED CLOSED	52BBA10 AA001 X03 003/004	50BYD01 XB:052 EF	Gn/1P Bn/1P	52BBA8009	UVG4ACV	I 13.6	2745	ES 3	H/W 184
52BBA10 XB51	11kV UNIT BD 5B CUB10	LOC/OFF REMOTE	52BBA10 AA001 X03 014/015	50BYD01 XB:052 GH	W/1P Bk/1P	52BBA8009	UVG4ACV	I 13.7	2746	ES 2	H/W 185
52BBA11 XB01	11kV UNIT BD 5B CUB11 BKR	OPENED CLOSED	52BBA11 AA001 X03 003/004	50BYD01 XB:053 EF	Gn/1P Bn/1P	52BBA8010	UVG4ACV	I 14.0	2747	ES 3	H/W 186
52BBA11 XB51	11kV UNIT BD 5B CUB11	LOC/OFF REMOTE	52BBA11 AA001 X03 014/015	50BYD01 XB:053 GH	W/1P Bk/1P	52BBA8010	UVG4ACV	I 14.1	2748	ES 2	H/W 187
52BBA12 XB01	11kV UNIT BD 5B CUB12 BKR	OPENED CLOSED	52BBA12 AA001 X03 003/004	50BYD01 XB:054 EF	Gn/1P Bn/1P	52BBA8011	UVG4ACV	I 14.2	2749	ES 3	H/W 188
52BBA12 XB51	11kV UNIT BD 5B CUB12	LOC/OFF REMOTE	52BBA12 AA001 X03 014/015	50BYD01 XB:054 GH	W/1P Bk/1P	52BBA8011	UVG4ACV	I 14.3	2750	ES 2	H/W 189
52BCA01 EW001 XB01	6.6kV SERV BD 5B CUB01 BKR	OPENED CLOSED	52BCA01 AA001 X03 003/004	50BYD01 XB:055 EF	Gn/1P Bn/1P	52BCA8001	UVG8ACV	I 14.4	2751	ES 3	H/W 190
52BCA01 XB51	6.6kV SERV BD 5B CUB01	LOC/OFF REMOTE	52BCA01 AA001 X02 014/015	50BYD01 XB:055 GH	W/1P Bk/1P	52BCA8001	UVG8ACV	I 14.5	2752	ES 2	H/W 191

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
52BFA18 XB01	380V UNIT BD 5B CUB18 BKR	OPENED CLOSED	52BFA18 AA001 X05 128/129	50BYD01 XB:057 EF	Gn/1P Bn/1P	52BFA8002	UVG4ACV	I 6.0	2753	ES 3	H/W 192
52BFA19 XB01	380V UNIT BD 5B CUB19 BKR	OPENED CLOSED	52BFA19 AA001 X05 128/129	50BYD01 XB:058 EF	Gn/1P Bn/1P	52BFA8004	UVG4ACV	I 6.1	2754	ES 3	H/W 193
52BFA17 XB01	380V UNIT BD 5B CUB17 BKR	OPENED CLOSED	52BFA17 AA001 X05 128/129	50BYD01 XB:059 EF	Gn/1P Bn/1P	52BFA8001	UVG4ACV	I 5.7	2755	ES 3	H/W 194
53BFA20 XB01	380V UNIT BD 5C CUB20 BKR	OPENED CLOSED	53BFA20 AA001 X05 128/129	50BYD01 XB:060 EF	Gn/1P Bn/1P	53BFA8003	UVG4ACV	I 6.3	2756	ES 3	H/W 195
53BFA19 XB01	380V UNIT BD 5C CUB19 BKR	OPENED CLOSED	53BFA19 AA001 X05 128/129	50BYD01 XB:061 EF	Gn/1P Bn/1P	53BFA8004	UVG4ACV	I 6.2	2757	ES 3	H/W 196
54BFA18 XB01	380V UNIT BD 5D CUB18 BKR	OPENED CLOSED	54BFA18 AA001 X05 128/129	50BYD01 XB:062 EF	Gn/1P Bn/1P	54BFA8003	UVG4ACV	I 6.5	2758	ES 3	H/W 197
54BFA17 XB01	380V UNIT BD 5D CUB17 BKR	OPENED CLOSED	54BFA17 AA001 X05 128/129	50BYD01 XB:063 EF	Gn/1P Bn/1P	54BFA8004	UVG4ACV	I 6.4	2759	ES 3	H/W 198
	UNIT 5 SPARE (ALARM NUMBER 2760)								2760	E 3	H/W 199
50BFF02 XB01	380V U5 FLY ASH BUNK BD CUB 02	OPENED CLOSED	50BFF02 AA001 X05 128/129	50BYD01 XB:069 EF	Gn/1P Bn/1P	50BFF8004	UVG4ACV	I 6.7	2761	ES 3	H/W 200
50BLA01 XB01	380V UNIT LIGHTING BD 5 CUB01	OPENED CLOSED	50BLA01 AA001 X05 128/129	50BYD01 XB:070 EF	Gn/1P Bn/1P	50BLA8003	UVG4ACV	I 7.1	2762	ES 3	H/W 201
50BLA02 XB01	380V UNIT LIGHTING BD 5 CUB02	OPENED CLOSED	50BLA02 AA001 X05 128/129	50BYD01 XB:071 EF	Gn/1P Bn/1P	50BLA8004	UVG4ACV	I 7.2	2763	ES 3	H/W 202
50BBA02 EW001 XB01	11kV UNIT BD 5B BUSBAR E/S	ON OFF	51BBA01 AA001 X03 009/010	50BYD01 XB:023 AB	Be/2P R/2P	51BBA8001	UVG8ACV	I 16.1	2764	ES 3	H/W 203
50BBA01 EW002 XB01	11kV UNIT BD 5A BUSBAR ISOLATOR	CLOSED OPENED	51BBA01 AA001 X03 017/052	50BYD01 XB:023 CD	Gy/2P Y/2P	51BBA8001	UVG8ACV	I 16.2	2765	ES 3	H/W 204
50BBA01 EW001 XB01	11kV UNIT BD 5A BUSBAR E/S	ON OFF	51BBA01 AA001 X03 005/006	50BYD01 XB:023 EF	Gn/2P Bn/2P	51BBA8001	UVG8ACV	I 16.3	2766	ES 3	H/W 205
50BBA02 EW002 XB01	11kV UNIT BD 5B BUSBAR ISOLATOR	CLOSED OPENED	51BBA01 AA001 X03 018/049	50BYD01 XB:023 GH	W/2P Bk/2P	51BBA8001	UVG8ACV	I 16.4	2767	ES 3	H/W 206
51BBA03 EW002 XB01	11kV UNIT BD 5A CUB 03 CBL E/S	ON OFF	51BBA03 AA001 X03 029/030	50BYD01 XB:025 AB	Be/2P R/2P	51BBA8004	UVG8ACV	I 16.5	2768	ES 3	H/W 207
51BBA03 EW003 XB01	11kV UNIT BD 5A CUB 03 ISOLATOR	CLOSED OPENED	51BBA03 AA001 X03 052/051	50BYD01 XB:025 CD	Gy/2P Y/2P	51BBA8004	UVG8ACV	I 16.6	2769	ES 3	H/W 208
51BBA10 EW002 XB01	11kV UNIT BD 5A CUB 10 CBL E/S	ON OFF	51BBA10 AA001 X03 017/018	50BYD01 XB:028 AB	Be/2P R/2P	51BBA8006	UVG8ACV	I 16.7	2770	ES 3	H/W 209
51BBA10 EW003 XB01	11kV UNIT BD 5A CUB 10 ISOLATOR	CLOSED OPENED	51BBA10 AA001 X03 052/051	50BYD01 XB:028 CD	Gy/2P Y/2P	51BBA8006	UVG8ACV	I 17.0	2771	ES 3	H/W 210
50BCA02 EW001 XB01	6.6kV SERV BD 5B BUSBAR E/S	ON OFF	51BCA01 AA001 X03 009/010	50BYD01 XB:038 AB	Be/2P R/2P	51BCA8001	UVG8ACV	I 17.1	2772	ES 3	H/W 211
50BCA01 EW002 XB01	6.6kV SERV BD 5A BUSBAR ISOLATOR	CLOSED OPENED	51BCA01 AA001 X03 017/052	50BYD01 XB:038 CD	Gy/2P Y/2P	51BCA8001	UVG8ACV	I 17.2	2773	ES 3	H/W 212
50BCA01 EW001 XB01	6.6kV SERV BD 5A BUSBAR E/S	ON OFF	51BCA01 AA001 X03 005/006	50BYD01 XB:038 EF	Gn/2P Bn/2P	51BCA8001	UVG8ACV	I 17.3	2774	ES 3	H/W 213
50BCA02 EW002 XB01	6.6kV SERV BD 5B BUSBAR ISOLATOR	CLOSED OPENED	51BCA01 AA001 X03 018/050	50BYD01 XB:038 GH	W/2P Bk/2P	51BCA8001	UVG8ACV	I 17.4	2775	ES 3	H/W 214
51BCA02 EW002 XB01	6.6kV SERV BD 5A CUB 02 CBL E/S	ON OFF	51BCA02 AA001 X03 029/030	50BYD01 XB:040 AB	Be/2P R/2P	51BCA8003	UVG8ACV	I 17.5	2776	ES 3	H/W 215

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
51BCA02 EW003 XB01	6.6kV SERV BD 5A CUB 02 ISOLATOR	CLOSED OPENED	51BCA02 AA001 X03 062/061	50BYD01 XB:040 CD	Gy/2P Y/2P	51BCA8003	UVG8ACV	I 17.6	2777	ES 3	H/W 216
51BFC01 XB01	380V U5 PRECIP BD A CUB 01 BKR	OPENED CLOSED	51BFC01 AA001 X05 128/129	50BYD01 XB:072 EF	Gn/1P Bn/1P	51BFC8002	UVG4ACV	I 7.3	2778	ES 3	H/W 217
51BFC02 XB01	380V U5 PRECIP BD A CUB 02 BKR	OPENED CLOSED	51BFC02 AA001 X05 128/129	50BYD01 XB:073 EF	Gn/1P Bn/1P	51BFC8003	UVG4ACV	I 7.4	2779	ES 3	H/W 218
52BBA03 EW002 XB01	11kV UNIT BD 5B CUB 03 CBL E/S	ON OFF	52BBA03 AA001 X03 029/030	50BYD01 XB:045 AB	Be/2P R/2P	52BBA8003	UVG8ACV	I 17.7	2780	ES 3	H/W 219
52BBA03 EW003 XB01	11kV UNIT BD 5B CUB 03 ISOLATOR	CLOSED OPENED	52BBA03 AA001 X03 052/051	50BYD01 XB:045 CD	Gy/2P Y/2P	52BBA8003	UVG8ACV	I 18.0	2781	ES 3	H/W 220
52BCA01 EW002 XB01	6.6kV SERV BD 5B CUB 01 CBL E/S	ON OFF	52BCA01 AA001 X03 029/030	50BYD01 XB:056 AB	Be/2P R/2P	52BCA8001	UVG8ACV	I 18.1	2782	ES 3	H/W 221
52BCA01 EW003 XB01	6.6kV SERV BD 5B CUB 01 ISOLATOR	CLOSED OPENED	52BCA01 AA001 X02 059/060	50BYD01 XB:056 CD	Gy/2P Y/2P	52BCA8001	UVG8ACV	I 18.2	2783	ES 3	H/W 222
52BFC01 XB01	380V U5 PRECIP BD B CUB 01 BKR	OPENED CLOSED	52BFC02 AA001 X05 128/129	50BYD01 XB:074 EF	Gn/1P Bn/1P	52BFC8002	UVG4ACV	I 7.5	2784	ES 3	H/W 223
50CJN00 GS001 XB01	GEN 5 FIELD BREAKER TRIP	DISABLED NORMAL	50BAY03 AA001 X04 036/037	50BYD01 XB:003 EF	Gn/3P Bn/3P	50BAY8003	UVG20ACV	I 18.3	2785	A 3	H/W 224
50CJN00 XB01	GEN 5 FIELD BREAKER	CLOSED OPENED	50CJN03 WA002 : 062/063	50BYD01 XB:076 AB	Be/2P R/2P	50BAY8012	UVG8ACV	I 18.4	2786	A 3	H/W 225
50BDE01 EW002 XB01	3.3kV U5 D/GEN BD CUB01 E/S	ON OFF	50BDE01 AA001 X03 023/024	50BYD01 XB:010 AB	Be/1P R/1P	50BDE8001	UVG4ACV	I 8.5	2787	ES 3	H/W 226
50BDE01 EW003 XB01	3.3kV U5 D/GEN BD CUB01 ISOLATOR	CLOSED OPENED	50BDE01 AA001 X03 019/020	50BYD01 XB:010 CD	Gy/1P Y/1P	50BDE8001	UVG4ACV	I 14.6	2788	ES 3	H/W 227
	UNIT 5 SPARE (ALARM NUMBER 2789)								2789	E 3	H/W 228
	UNIT 5 SPARE (ALARM NUMBER 2790)								2790	E 3	H/W 229
	UNIT 5 SPARE (ALARM NUMBER 2791)								2791	E 3	H/W 230
	UNIT 5 SPARE (ALARM NUMBER 2792)								2792	E 3	H/W 231
	UNIT 5 SPARE (ALARM NUMBER 2793)								2793	E 3	H/W 232
	UNIT 5 SPARE (ALARM NUMBER 2794)								2794	E 3	H/W 233
	UNIT 5 SPARE (ALARM NUMBER 2795)								2795	E 3	H/W 234
	UNIT 5 SPARE (ALARM NUMBER 2796)								2796	E 3	H/W 235
	UNIT 5 SPARE (ALARM NUMBER 2797)								2797	E 3	H/W 236
	UNIT 5 SPARE (ALARM NUMBER 2798)								2798	E 3	H/W 237
	UNIT 5 SPARE (ALARM NUMBER 2799)								2799	E 3	H/W 238
	UNIT 5 SPARE (ALARM NUMBER 2800)								2800	E 3	H/W 239

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
	UNIT 5 SPARE (ALARM NUMBER 2801)								2801	E 3	H/W 240
	UNIT 5 SPARE (ALARM NUMBER 2802)								2802	E 3	H/W 241
	UNIT 5 SPARE (ALARM NUMBER 2803)								2803	E 3	H/W 242
	UNIT 5 SPARE (ALARM NUMBER 2804)								2804	E 3	H/W 243
	UNIT 5 SPARE (ALARM NUMBER 2805)								2805	E 3	H/W 244
	UNIT 5 SPARE (ALARM NUMBER 2806)								2806	E 3	H/W 245
	UNIT 5 SPARE (ALARM NUMBER 2807)								2807	E 3	H/W 246
	UNIT 5 SPARE (ALARM NUMBER 2808)								2808	E 3	H/W 247
	UNIT 5 SPARE (ALARM NUMBER 2809)								2809	E 3	H/W 248
	UNIT 5 SPARE (ALARM NUMBER 2810)								2810	E 3	H/W 249
	UNIT 5 SPARE (ALARM NUMBER 2811)								2811	E 3	H/W 250
	UNIT 5 SPARE (ALARM NUMBER 2812)								2812	E 3	H/W 251
	UNIT 5 SPARE (ALARM NUMBER 2813)								2813	E 3	H/W 252
	UNIT 5 SPARE (ALARM NUMBER 2814)								2814	E 3	H/W 253
	UNIT 5 SPARE (ALARM NUMBER 2815)								2815	E 3	H/W 254
	UNIT 5 SPARE (ALARM NUMBER 2816)								2816	E 3	H/W 255
	UNIT 5 SPARE (ALARM NUMBER 2817)								2817	E 3	H/W 256
	UNIT 5 SPARE (ALARM NUMBER 2818)								2818	E 3	H/W 257
	UNIT 5 SPARE (ALARM NUMBER 2819)								2819	E 3	H/W 258
	UNIT 5 SPARE (ALARM NUMBER 2820)								2820	E 3	H/W 259
	UNIT 5 SPARE (ALARM NUMBER 2821)								2821	E 3	H/W 260
	UNIT 5 SPARE (ALARM NUMBER 2822)								2822	E 3	H/W 261
	UNIT 5 SPARE (ALARM NUMBER 2823)								2823	E 3	H/W 262
	UNIT 5 SPARE (ALARM NUMBER 2824)								2824	E 3	H/W 263

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
	UNIT 5 SPARE (ALARM NUMBER 2825)								2825	E 3	H/W 264
	UNIT 5 SPARE (ALARM NUMBER 2826)								2826	E 3	H/W 265
	UNIT 5 SPARE (ALARM NUMBER 2827)								2827	E 3	H/W 266
	UNIT 5 SPARE (ALARM NUMBER 2828)								2828	E 3	H/W 268
	UNIT 5 SPARE (ALARM NUMBER 2829)								2829	E 3	H/W 267
	UNIT 5 SPARE (ALARM NUMBER 2830)								2830	E 3	H/W 269
	UNIT 5 SPARE (ALARM NUMBER 2831)								2831	E 3	H/W 270
	UNIT 5 SPARE (ALARM NUMBER 2832)								2832	E 3	H/W 271
	UNIT 5 SPARE (ALARM NUMBER 2833)								2833	E 3	H/W 272
	UNIT 5 SPARE (ALARM NUMBER 2834)								2834	E 3	H/W 273
	UNIT 5 SPARE (ALARM NUMBER 2835)								2835	E 3	H/W 274
	UNIT 5 SPARE (ALARM NUMBER 2836)								2836	E 3	H/W 275
	UNIT 5 SPARE (ALARM NUMBER 2837)								2837	E 3	H/W 276
	UNIT 5 SPARE (ALARM NUMBER 2838)								2838	E 3	H/W 277
	UNIT 5 SPARE (ALARM NUMBER 2839)								2839	E 3	H/W 278
	UNIT 5 SPARE (ALARM NUMBER 2840)								2840	E 3	H/W 279
	UNIT 5 SPARE (ALARM NUMBER 2841)								2841	E 3	H/W 280
	UNIT 5 SPARE (ALARM NUMBER 2842)								2842	E 3	H/W 281
	UNIT 5 SPARE (ALARM NUMBER 2843)								2843	E 3	H/W 282
	UNIT 5 SPARE (ALARM NUMBER 2844)								2844	E 3	H/W 283
	UNIT 5 SPARE (ALARM NUMBER 2845)								2845	E 3	H/W 284
	UNIT 5 SPARE (ALARM NUMBER 2846)								2846	E 3	H/W 285
	UNIT 5 SPARE (ALARM NUMBER 2847)								2847	E 3	H/W 286
	UNIT 5 SPARE (ALARM NUMBER 2848)								2848	E 3	H/W 287

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
	UNIT 5 SPARE (ALARM NUMBER 2849)								2849	E 3	H/W 288
	UNIT 5 SPARE (ALARM NUMBER 2850)								2850	E 3	H/W 289
	UNIT 5 SPARE (ALARM NUMBER 2851)								2851	E 3	H/W 290
	UNIT 5 SPARE (ALARM NUMBER 2852)								2852	E 3	H/W 291
	UNIT 5 SPARE (ALARM NUMBER 2853)								2853	E 3	H/W 292
	UNIT 5 SPARE (ALARM NUMBER 2854)								2854	E 3	H/W 293
	UNIT 5 SPARE (ALARM NUMBER 2855)								2855	E 3	H/W 294
	UNIT 5 SPARE (ALARM NUMBER 2856)								2856	E 3	H/W 295
	UNIT 5 SPARE (ALARM NUMBER 2857)								2857	E 3	H/W 296
	UNIT 5 SPARE (ALARM NUMBER 2858)								2858	E 3	H/W 297
	UNIT 5 SPARE (ALARM NUMBER 2859)								2859	E 3	H/W 298
	UNIT 5 SPARE (ALARM NUMBER 2860)								2860	E 3	H/W 299
	UNIT 5 SPARE (ALARM NUMBER 2861)								2861	E 3	H/W 300
	UNIT 5 SPARE (ALARM NUMBER 2862)								2862	E 3	H/W 301
	UNIT 5 SPARE (ALARM NUMBER 2863)								2863	E 3	H/W 302
	UNIT 5 SPARE (ALARM NUMBER 2864)								2864	E 3	H/W 303
	UNIT 5 SPARE (ALARM NUMBER 2865)								2865	E 3	H/W 304
	UNIT 5 SPARE (ALARM NUMBER 2866)								2866	E 3	H/W 305
	UNIT 5 SPARE (ALARM NUMBER 2867)								2867	E 3	H/W 306
	UNIT 5 SPARE (ALARM NUMBER 2868)								2868	E 3	H/W 307
	UNIT 5 SPARE (ALARM NUMBER 2869)								2869	E 3	H/W 308
	UNIT 5 SPARE (ALARM NUMBER 2870)								2870	E 3	H/W 309
	UNIT 5 SPARE (ALARM NUMBER 2871)								2871	E 3	H/W 310
	UNIT 5 SPARE (ALARM NUMBER 2872)								2872	E 3	H/W 311

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
	UNIT 5 SPARE (ALARM NUMBER 2873)								2873	E 3	H/W 312
	UNIT 5 SPARE (ALARM NUMBER 2874)								2874	E 3	H/W 313
	UNIT 5 SPARE (ALARM NUMBER 2875)								2875	E 3	H/W 314
	UNIT 5 SPARE (ALARM NUMBER 2876)								2876	E 3	H/W 315
	UNIT 5 SPARE (ALARM NUMBER 2877)								2877	E 3	H/W 316
	UNIT 5 SPARE (ALARM NUMBER 2878)								2878	E 3	H/W 317
	UNIT 5 SPARE (ALARM NUMBER 2879)								2879	E 3	H/W 318
	UNIT 5 SPARE (ALARM NUMBER 2880)								2880	E 3	H/W 319
	UNIT 5 SPARE (ALARM NUMBER 2881)								2881	E 3	H/W 320
	UNIT 5 SPARE (ALARM NUMBER 2882)								2882	E 3	H/W 321
	UNIT 5 SPARE (ALARM NUMBER 2883)								2883	E 3	H/W 322
	UNIT 5 SPARE (ALARM NUMBER 2884)								2884	E 3	H/W 323
	UNIT 5 SPARE (ALARM NUMBER 2885)								2885	E 3	H/W 324
50MKA10 EW200 XW85	GEN 5 100% STATOR E/F	TRIP NORMAL	50BAY01 AA001 X32 006/013	50BYB01 XH:005 CD	Gy/2P Y/2P	50BAY8001	UVG48ACV		2886	A 2	H/W 325
50BAT10 AA001 XW53	GEN TRFR 5 DIFF R PHASE	TRIP NORMAL	50BAY01 AA001 X33 005/012	50BYB01 XH:005 GH	W/2P Bk/2P	50BAY8001	UVG48ACV		2887	A 2	H/W 326
50BAT10 AA002 XW53	GEN TRFR 5 DIFF W PHASE	TRIP NORMAL	50BAY01 AA001 X33 006/013	50BYB01 XH:006 AB	Be/3P R/3P	50BAY8001	UVG48ACV		2888	A 2	H/W 327
50BAT10 AA003 XW53	GEN TRFR 5 DIFF B PHASE	TRIP NORMAL	50BAY01 AA001 X33 007/014	50BYB01 XH:006 CD	Gy/3P Y/3P	50BAY8001	UVG48ACV		2889	A 2	H/W 328
50BAT10 XW38	GEN TRFR 5 OVERFLUXING STAGE 1	TRIP NORMAL	50BAY01 AA001 X37 002/009	50BYB01 XH:007 GH	W/4P Bk/4P	50BAY8001	UVG48ACV		2890	A 2	H/W 329
50MKA10 XW71	GEN 5 HOUSE LOADING	TRIP NORMAL	50BAY01 AA001 X37 006/013	50BYB01 XH:008 AB	Be/1O R/1O	50BAY8001	UVG48ACV		2891	A 1	H/W 330
50BBT10 AA001 XW53	UNIT TRFR 5A DIFF R PHASE	TRIP NORMAL	50BAY01 AA001 X24 001/008	50BYB01 XH:008 EF	Gn/1O Bn/1O	50BAY8001	UVG48ACV		2892	A 2	H/W 331
50BBT10 GT200 XW85	UNIT TRFR 5A 22kV EARTH FAULT	TRIP NORMAL	50BAY01 AA001 X38 002/009	50BYB01 XH:008 GH	W/1O Bk/1O	50BAY8001	UVG48ACV		2893	A 2	H/W 332
50BBT10 GT100 XW31	UNIT TRFR 5A 11kV R/E/F	TRIP NORMAL	50BAY01 AA001 X38 003/010	50BYB01 XH:009 AB	Be/2O R/2O	50BAY8001	UVG48ACV		2894	A 2	H/W 333
50BBT20 AA001 XW53	UNIT TRFR 5B DIFF R PHASE	TRIP NORMAL	50BAY01 AA001 X24 004/011	50BYB01 XH:009 CD	Gy/2O Y/2O	50BAY8001	UVG48ACV		2895	A 2	H/W 334
50BBT20 GT100 XW31	UNIT TRFR 5B 11kV R/E/F	TRIP NORMAL	50BAY01 AA001 X38 005/012	50BYB01 XH:009 EF	Gn/2O Bn/2O	50BAY8001	UVG48ACV		2896	A 2	H/W 335

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50BAT10 XW95	GEN TRFR 5 OIL TEMP	TRIP NORMAL	50BAY01 AA001 X39 002/009	50BYB01 XH 009 GH	W/2O Bk/2O	50BAY8001	UVG48ACV		2897	A 2	H/W 336
50BBT10 GT100 XW95	UNIT TRFR 5A OIL TEMP	TRIP NORMAL	50BAY01 AA001 X39 005/012	50BYB01 XH 010 AB	Be/3O R/3O	50BAY8001	UVG48ACV		2898	A 2	H/W 337
50BBT20 GT100 XW95	UNIT TRFR 5B OIL TEMP	TRIP NORMAL	50BAY01 AA001 X39 007/014	50BYB01 XH 010 CD	Gy/3O Y/3O	50BAY8001	UVG48ACV		2899	A 2	H/W 338
50BAT10 XW32	GEN TRFR 5 TAP CHANGER PRD	TRIP NORMAL	50BAY01 AA001 X40 001/008	50BYB01 XH 010 EF	Gn/3O Bn/3O	50BAY8001	UVG48ACV		2900	A 2	H/W 339
50BBT10 AA002 XW53	UNIT TRFR 5A DIFF W PHASE	TRIP NORMAL	50BAY01 AA001 X24 002/009	50BYB01 XH 010 GH	W/3O Bk/3O	50BAY8001	UVG48ACV		2901	A 2	H/W 340
50BBT10 AA003 XW53	UNIT TRFR 5A DIFF B PHASE	TRIP NORMAL	50BAY01 AA001 X24 003/010	50BYB01 XH 011 AB	Be/4O R/4O	50BAY8001	UVG48ACV		2902	A 2	H/W 341
50BBT20 AA002 XW53	UNIT TRFR 5B DIFF W PHASE	TRIP NORMAL	50BAY01 AA001 X24 005/012	50BYB01 XH 011 CD	Gy/4O Y/4O	50BAY8001	UVG48ACV		2903	A 2	H/W 342
50BBT20 AA003 XW53	UNIT TRFR 5B DIFF B PHASE	TRIP NORMAL	50BAY01 AA001 X24 006/013	50BYB01 XH 011 EF	Gn/4O Bn/4O	50BAY8001	UVG48ACV		2904	A 2	H/W 343
50MKA10 EW001 XW39	GEN 5 M1 EXITATION TRIP DC	FAIL NORMAL	50BAY01 AA001 X51 053/058	50BYB01 XH 011 GH	W/4O Bk/4O	50BAY8001	UVG48ACV		2905	A 1	H/W 344
50MKA10 EW001 XW51	GEN 5 M1 PROT CUB DC	FAIL NORMAL	50BAY01 AA001 X51 047/048	50BYB01 XH 012 AB	Be/1V R/1V	50BAY8001	UVG48ACV		2906	A 1	H/W 345
50BAT10 XW33	GEN TRFR 5 OVERFLUXING STAGE 2	TRIP NORMAL	50BAY01 AA001 X37 003/010	50BYB01 XH 012 CD	Gy/1V Y/1V	50BAY8001	UVG48ACV		2907	A 2	H/W 346
50MKA10 EW002 XW22	GEN 5 M2 GROUP	TRIP NORMAL	50BAY02 AA001 X25 005/012	50BYB01 XH 016 AB	Be/1P R/1P	50BAY8002	UVG48ACV	I 22 3	2908	A 2	H/W 347
50MKA10 EW002 XW11	GEN 5 M2 NEG PHASE SEQUENCE	TRIP NORMAL	50BAY02 AA001 X32 004/011	50BYB01 XH 017 AB	Be/2P R/2P	50BAY8002	UVG48ACV		2909	A 2	H/W 348
50MKA10 EW101 XW65	GEN 5 ROTOR E/F < 80 K OHM	ALARM NORMAL	50BAY02 AA001 X33 002/009	50BYB01 XH 017 GH	W/2P Bk/2P	50BAY8002	UVG48ACV		2910	A 1	H/W 349
50MKA10 XW12	GEN 5 OVERFLUXING STAGE 1	ALARM NORMAL	50BAY02 AA001 X31 005/012	50BYB01 XH 018 EF	Gn/3P Bn/3P	50BAY8002	UVG48ACV		2911	A 1	H/W 350
50BAT10 XW31	GEN TRFR 5 HV RESTRICTED E/F	TRIP NORMAL	50BAY02 AA001 X34 001/008	50BYB01 XH 019 EF	Gn/4P Bn/4P	50BAY8002	UVG48ACV		2912	A 2	H/W 351
50BAT10 XW29	GEN TRFR 5 HV BACK UP E/F	TRIP NORMAL	50BAY02 AA001 X35 001/008	50BYB01 XH 019 GH	W/4P Bk/4P	50BAY8002	UVG48ACV		2913	A 2	H/W 352
50BBT10 GT100 XW34	UNIT TRFR 5A 22kV OVERCURRENT	TRIP NORMAL	50BAY02 AA001 X35 002/009	50BYB01 XH 020 CD	Gy/1O Y/1O	50BAY8002	UVG48ACV		2914	A 2	H/W 353
50BBT20 GT100 XW34	UNIT TRFR 5B 22kV OVERCURRENT	TRIP NORMAL	50BAY02 AA001 X35 005/012	50BYB01 XH 020 EF	Gn/1O Bn/1O	50BAY8002	UVG48ACV		2915	A 2	H/W 354
50BAC00 XW28	GEN 5 22kV BKR FAIL	TRIP NORMAL	50BAY02 AA001 X36 001/008	50BYB01 XH 020 GH	W/1O Bk/1O	50BAY8002	UVG48ACV		2916	A 2	H/W 355
50MKA10 XW14	GEN 5 LOSS OF FIELD STAGE 1	ALARM NORMAL	50BAY02 AA001 X23 002/009	50BYB01 XH 021 CD	Gy/2O Y/2O	50BAY8002	UVG48ACV		2917	A 1	H/W 356
50ACA10 GS101 XW28	GEN 5 400kV BKR FAIL	TRIP NORMAL	50BAY02 AA001 X37 001/008	50BYB01 XH 021 EF	Gn/2O Bn/2O	50BAY8002	UVG48ACV		2918	A 2	H/W 357
50BAC01 XW53	GEN 5 22kV CT CHAMBER FANS	FAIL NORMAL	50BAC01 AN002 X05 009/010	50BYB01 XH 002 AB	Be/1P R/1P	50BAC8001	UVG4ACV		2919	A 1	H/W 358
50ACA10 GS101 XW59	GEN 5 400kV BKR POLE	DISCREP NORMAL	50BAY02 AA001 X37 003/010	50BYB01 XH 022 AB	Be/3O R/3O	50BAY8002	UVG48ACV		2920	A 2	H/W 359

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50ACA10 GS201 XW59	GEN 5 400kV PANTOGRAPH POLE	DISCREP NORMAL	50BAY02 AA001 X37 005/012	50BYB01 XH 022 CD	Gy/3O Y/3O	50BAY8002	UVG48ACV		2921	A 2	H/W 360
50ACA10 GS101 XW78	GEN 5 400kV BKR BUS ZONE	TRIP NORMAL	50BAY02 AA001 X37 006/013	50BYB01 XH 022 EF	Gn/3O Bn/3O	50BAY8002	UVG48ACV		2922	A 2	H/W 361
50BAT10 XW34	GEN TRFR 5 TAP CHG OVERCURRENT	TRIP NORMAL	50BAY02 AA001 X38 001/008	50BYB01 XH 022 GH	W/3O Bk/3O	50BAY8002	UVG48ACV		2923	A 2	H/W 362
50BAT10 GT301 XW36	GEN TRFR 5 TAP CHG MECH TIMER	ALARM NORMAL	50BAY02 AA001 X38 002/009	50BYB01 XH 023 AB	Be/4O R/4O	50BAY8002	UVG48ACV		2924	A 1	H/W 363
50BAT10 XW93	GEN TRFR 5 BUCH	TRIP NORMAL	50BAY02 AA001 X38 005/012	50BYB01 XH 023 CD	Gy/4O Y/4O	50BAY8002	UVG48ACV		2925	A 2	H/W 364
50BAT10 XW94	GEN TRFR 5 WINDING TEMP	TRIP NORMAL	50BAY02 AA001 X38 006/013	50BYB01 XH 023 EF	Gn/4O Bn/4O	50BAY8002	UVG48ACV		2926	A 2	H/W 365
50BAT10 XW97	GEN TRFR 5 PRD	TRIP NORMAL	50BAY02 AA001 X38 007/014	50BYB01 XH 023 GH	W/4O Bk/4O	50BAY8002	UVG48ACV		2927	A 2	H/W 366
50BBT10 GT100 XW85	UNIT TRFR 5A 11kV E/F STAGE 1	TRIP NORMAL	50BAY02 AA001 X39 002/009	50BYB01 XH 024 AB	Be/1V R/1V	50BAY8002	UVG48ACV		2928	A 2	H/W 367
50BBT10 GT200 XW95	UNIT TRFR 5A 11kV E/F STAGE 2	TRIP NORMAL	50BAY02 AA001 X39 003/010	50BYB01 XH 024 CD	Gy/1V Y/1V	50BAY8002	UVG48ACV		2929	A 2	H/W 368
50BBT10 GT100 XW93	UNIT TRFR 5A BUCH	TRIP NORMAL	50BAY02 AA001 X39 004/011	50BYB01 XH 024 EF	Gn/1V Bn/1V	50BAY8002	UVG48ACV		2930	A 2	H/W 369
50BBT10 GT100 XW94	UNIT TRFR 5A WINDING TEMP	TRIP NORMAL	50BAY02 AA001 X39 005/012	50BYB01 XH 024 GH	W/1V Bk/1V	50BAY8002	UVG48ACV		2931	A 2	H/W 370
50BBT10 GT100 XW97	UNIT TRFR 5A PRD	TRIP NORMAL	50BAY02 AA001 X39 006/013	50BYB01 XH 025 AB	Be/2V R/2V	50BAY8002	UVG48ACV		2932	A 2	H/W 371
50BBT20 GT100 XW85	UNIT TRFR 5B 22kV EARTH FAULT	TRIP NORMAL	50BAY02 AA001 X40 001/008	50BYB01 XH 025 EF	Gn/2V Bn/2V	50BAY8002	UVG48ACV		2933	A 2	H/W 372
50BBT20 GT100 XW27	UNIT TRFR 5B 11kV E/F STAGE 1	TRIP NORMAL	50BAY02 AA001 X40 002/009	50BYB01 XH 025 GH	W/2V Bk/2V	50BAY8002	UVG48ACV		2934	A 2	H/W 373
50BBT20 GT200 XW95	UNIT TRFR 5B 11kV E/F STAGE 2	TRIP NORMAL	50BAY02 AA001 X40 003/010	50BYB01 XH 026 AB	Be/3V R/3V	50BAY8002	UVG48ACV		2935	A 2	H/W 374
50BBT20 GT100 XW93	UNIT TRFR 5B BUCH	TRIP NORMAL	50BAY02 AA001 X40 004/011	50BYB01 XH 026 CD	Gy/3V Y/3V	50BAY8002	UVG48ACV		2936	A 2	H/W 375
50BBT20 GT100 XW94	UNIT TRFR 5B WINDING TEMP	TRIP NORMAL	50BAY02 AA001 X40 005/012	50BYB01 XH 026 EF	Gn/3V Bn/3V	50BAY8002	UVG48ACV		2937	A 2	H/W 376
50BBT20 GT100 XW97	UNIT TRFR 5B PRD	TRIP NORMAL	50BAY02 AA001 X40 006/013	50BYB01 XH 026 GH	W/3V Bk/3V	50BAY8002	UVG48ACV		2938	A 2	H/W 377
50MKA10 EW002 XW39	GEN 5 M2 EXCITATION TRIP DC	FAIL NORMAL	50BAY02 AA001 X51 053/058	50BYB01 XH 027 CD	Gy/4V Y/4V	50BAY8002	UVG48ACV		2939	A 1	H/W 378
50MKA10 EW002 XW51	GEN 5 M2 PROT CUB DC	FAIL NORMAL	50BAY02 AA001 X51 047/048	50BYB01 XH 027 EF	Gn/4V Bn/4V	50BAY8002	UVG48ACV		2940	A 1	H/W 379
50BAT10 XW35	GEN TRFR 5 COOLER	FAIL NORMAL	50BAY13 DA001 X01 002/012	50BYB01 XH 028 AB	Be/1P R/1P	50BAY8006	UVG8ACV		2941	A 1	H/W 380
50BAT10 XW55	GEN TRFR 5 BUCH	ALARM NORMAL	50BAY13 DA001 X01 003/014	50BYB01 XH 028 CD	Gy/1P Y/1P	50BAY8006	UVG8ACV		2942	A 1	H/W 381
50BAT10 XW30	GEN TRFR 5 TAP CHG OIL LEVEL	LOW NORMAL	50BAY13 DA001 X01 006/017	50BYB01 XH 028 EF	Gn/1P Bn/1P	50BAY8006	UVG8ACV		2943	A 1	H/W 382
50BAT10 XW56	GEN TRFR 5 WINDING TEMP	ALARM NORMAL	50BAY13 DA001 X01 009/019	50BYB01 XH 029 AB	Be/2P R/2P	50BAY8006	UVG8ACV		2944	A 1	H/W 383

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50BAT10 XW57	GEN TRFR 5 OIL TEMP	ALARM NORMAL	50BAY13 DA001 X01 010/020	50BYB01 XH 029 CD	Gy/2P Y/2P	50BAY8006	UVG8ACV		2945	A 1	H/W 384
50BAC00 XW89	GEN 5 22kV BKR CLOSE	UNHEALTH NORMAL	50BAY30 AA001 X03 031/032	50BYB01 XH 030 AB	Be/1P R/1P	50BAY8007	UVG8ACV		2946	A 1	H/W 385
50BAC00 XW52	GEN 5 22kV BKR TRIP	UNHEALTH NORMAL	50BAY30 AA001 X03 033/034	50BYB01 XH 030 CD	Gy/1P Y/1P	50BAY8007	UVG8ACV		2947	A 1	H/W 386
50BAC00 XW46	GEN 5 22kV BKR AIR FILLING	FAULT NORMAL	50BAY30 AA001 X03 037/038	50BYB01 XH 030 EF	Gn/1P Bn/1P	50BAY8007	UVG8ACV		2948	A 1	H/W 387
50BAA00 XW98	GEN 5 22kV TRFR DUCTING PRESSURE	LOW NORMAL	50BAA00 GH002 X01 004/005	50BYB01 XH 001 AB	Be/1P R/1P	50BAA8001	UVG4ACV		2949	A 1	H/W 388
50BAC00 XW59	GEN 5 22kV BKR POLE	DISCREP NORMAL	50BAY30 AA001 X03 041/042	50BYB01 XH 031 AB	Be/2P R/2P	50BAY8007	UVG8ACV		2950	A 2	H/W 389
50BAC00 XW53	GEN 5 22kV BKR 85 DEG CELCIUS	TRIP NORMAL	50BAY02 AA001 X38 003/010	50BYB01 XH 032 GH	W/1P Bk/1P	50BAY8008	UVG8ACV		2951	A 2	H/W 390
50ACA10 GS101 XW42	GEN 5 400kV BKR SYNCHRONISING	IN OPER COMPLETE	50BAY03 AA001 X06 172/173	50BYB01 XH 034 AB	Be/1P R/1P	50BAY8009	UVG20ACV		2952	A 3	H/W 391
50BAC00 XW31	GEN 5 22kV BKR REPEAT CONTACT	DISCREP NORMAL	50BAY03 AA001 X06 217/218	50BYB01 XH 034 CD	Gy/1P Y/1P	50BAY8009	UVG20ACV		2953	A 1	H/W 392
50BAC00 XW42	GEN 5 22kV BKR SYNCHRONISING	IN OPER COMPLETE	50BAY03 AA001 X06 181/182	50BYB01 XH 034 EF	Gn/1P Bn/1P	50BAY8009	UVG20ACV		2954	A 3	H/W 393
50BAT10 GT300 XW36	GEN TRFR 5 TAP CHG BUSWIRE TIMER	FAULT NORMAL	50BAY03 AA001 X07 047/048	50BYB01 XH 034 GH	W/1P Bk/1P	50BAY8009	UVG20ACV		2955	A 1	H/W 394
50BAT10 XW48	GEN TRFR 5 TAP CHANGE DC	FAIL NORMAL	50BAY03 AA001 X10 002/012	50BYB01 XH 035 AB	Be/2P R/2P	50BAY8009	UVG20ACV		2956	A 1	H/W 395
50BAT10 XW50	GEN TRFR 5 TAP CHG MOTOR RUNNING	FAULT NORMAL	50BAY03 AA001 X07 041/042	50BYB01 XH 035 CD	Gy/2P Y/2P	50BAY8009	UVG20ACV		2957	A 1	H/W 396
50MKA10 XW37	GEN 5 SYNC CIRCUITS DC	FAIL NORMAL	50BAY03 AA001 X10 001/011	50BYB01 XH 035 EF	Gn/2P Bn/2P	50BAY8009	UVG20ACV		2958	A 1	H/W 397
50BAC00 XW51	GEN 5 PROT SYNCH CUB DC SUPPLY	FAIL NORMAL	50BAY03 AA001 X10 003/013	50BYB01 XH 035 GH	W/2P Bk/2P	50BAY8009	UVG20ACV		2959	A 1	H/W 398
50BAT10 XW69	GEN TRFR 5 TAP CHG LOCKOUT	OPER NORMAL	50BAY03 AA001 X07 053/054	50BYB01 XH 036 AB	Be/3P R/3P	50BAY8009	UVG20ACV		2960	A 1	H/W 399
50BBY01 XW53	11kV UNIT BD 5 BUS ZONE PROT	TRIP NORMAL	50BBY01 AA001 X00 021/023	50BYB01 XH 039 AB	Be/1P R/1P	50BBY8001	UVG8ACV		2961	A 2	H/W 400
50BBY01 XW51	11kV UNIT BD 5 BUS ZONE DC	FAIL NORMAL	50BBY01 AA001 X00 025/029	50BYB01 XH 039 CD	Gy/1P Y/1P	50BBY8001	UVG8ACV		2962	A 1	H/W 401
50BBY01 XW59	11kV UNIT BD 5 BUS ZONE DISCREP	ALARM NORMAL	50BBY01 AA001 X00 031/033	50BYB01 XH 039 EF	Gn/1P Bn/1P	50BBY8001	UVG8ACV		2963	A 1	H/W 402
50BBY01 ES001 XW60	11kV UNIT BD 5 Z1 BUS ZONE PROT	ISOLATED NORMAL	50BBY01 AA001 X00 035/037	50BYB01 XH 039 GH	W/1P Bk/1P	50BBY8001	UVG8ACV		2964	A 1	H/W 403
50BBY02 XW53	6 6kV SERV BD 5 BUS ZONE PROT	TRIP NORMAL	50BBY02 AA001 X00 021/023	50BYB01 XH 041 AB	Be/1P R/1P	50BBY8002	UVG8ACV		2965	A 2	H/W 404
50BBY02 XW51	6 6kV SERV BD 5 BUS ZONE DC	FAIL NORMAL	50BBY02 AA001 X00 025/029	50BYB01 XH 041 CD	Gy/1P Y/1P	50BBY8002	UVG8ACV		2966	A 1	H/W 405
50BBY02 XW59	6 6kV SERV BD 5 BUS ZONE DISCREP	ALARM NORMAL	50BBY02 AA001 X00 031/033	50BYB01 XH 041 EF	Gn/1P Bn/1P	50BBY8002	UVG8ACV		2967	A 1	H/W 406
50BBY02 ES001 XW60	6 6kV SERV BD 5 Z1 BUS ZONE PROT	ISOLATED NORMAL	50BBY02 AA001 X00 035/037	50BYB01 XH 041 GH	W/1P Bk/1P	50BBY8002	UVG8ACV		2968	A 3	H/W 407

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50BBT10 GT100 XW56	UNIT TRFR 5A WINDING TEMP	ALARM NORMAL	50BBY11 CA001 X02 009/020	50BYB01 XH 043 AB	Be/1P R/1P	50BBY8003	UVG8ACV		2969	A 1	H/W 408
50BBT10 GT100 XW57	UNIT TRFR 5A OIL TEMP	ALARM NORMAL	50BBY11 CA001 X02 010/021	50BYB01 XH 043 CD	Gy/1P Y/1P	50BBY8003	UVG8ACV		2970	A 1	H/W 409
50BBT10 GT100 XW55	UNIT TRFR 5A BUCH	ALARM NORMAL	50BBY11 CA001 X02 011/022	50BYB01 XH 043 EF	Gn/1P Bn/1P	50BBY8003	UVG8ACV		2971	A 1	H/W 410
50BBT10 GT100 XW35	UNIT TRFR 5A COOLER	FAIL NORMAL	50BBY11 CA001 X02 018/029	50BYB01 XH 043 GH	W/1P Bk/1P	50BBY8003	UVG8ACV		2972	A 1	H/W 411
50BBT10 GT100 XW96	UNIT TRFR 5A OIL LEVEL	LOW NORMAL	50BBY11 CA001 X02 015/026	50BYB01 XH 044 GH	W/2P Bk/2P	50BBY8003	UVG8ACV		2973	A 1	H/W 412
50BBT20 GT100 XW56	UNIT TRFR 5B WINDING TEMP	ALARM NORMAL	50BBY21 CA001 X02 009/020	50BYB01 XH 045 AB	Be/1P R/1P	50BBY8004	UVG8ACV		2974	A 1	H/W 413
50BBT20 GT100 XW57	UNIT TRFR 5B OIL TEMP	ALARM NORMAL	50BBY21 CA001 X02 010/021	50BYB01 XH 045 CD	Gy/1P Y/1P	50BBY8004	UVG8ACV		2975	A 1	H/W 414
50BBT20 GT100 XW55	UNIT TRFR 5B BUCH	ALARM NORMAL	50BBY21 CA001 X02 011/022	50BYB01 XH 045 EF	Gn/1P Bn/1P	50BBY8004	UVG8ACV		2976	A 1	H/W 415
50BBT20 GT100 XW35	UNIT TRFR 5B COOLER	FAIL NORMAL	50BBY21 CA001 X02 018/029	50BYB01 XH 045 GH	W/1P Bk/1P	50BBY8004	UVG8ACV		2977	A 1	H/W 416
50BBT20 GT100 XW96	UNIT TRFR 5B OIL LEVEL	LOW NORMAL	50BBY21 CA001 X02 015/026	50BYB01 XH 046 AB	Be/2P R/2P	50BBY8004	UVG8ACV		2978	A 1	H/W 417
50BFB00 XW51	380V UNIT STANDBY BD 5 DC	FAIL NORMAL	50BFB01 AA001 X05 137/138	50BYB01 XH 047 AB	Be/1P R/1P	50BFB8201	UVG4ACV		2979	A 1	H/W 418
50BFB00 XW54	380V UNIT STANDBY BD 5 U/V	ALARM NORMAL	50BFB01 AA001 X05 170/171	50BYB01 XH 047 CD	Gy/1P Y/1P	50BFB8201	UVG4ACV	I 21 4	2980	A 1	H/W 419
50MKA10 EW001 XW22	GEN 5 M1 GROUP	TRIP NORMAL	50BAY01 AA001 X24 007/014	50BYB01 XH 004 AB	Be/1P R/1P	50BAY8001	UVG48ACV	I 22 2	2981	A 2	H/W 420
50MKA10 AA001 XW53	GEN 5 DIFF R PHASE	TRIP NORMAL	50BAY01 AA001 X23 001/008	50BYB01 XH 004 CD	Gy/1P Y/1P	50BAY8001	UVG48ACV		2982	A 2	H/W 421
50MKA10 XW21	GEN 5 POLE SLIP	TRIP NORMAL	50BAY01 AA001 X32 002/009	50BYB01 XH 004 EF	Gn/1P Bn/1P	50BAY8001	UVG48ACV		2983	A 1	H/W 422
50MKA10 EW001 XW10	GEN 5 M1 NEG PHASE SEQUENCE	ALARM NORMAL	50BAY01 AA001 X32 003/010	50BYB01 XH 004 GH	W/1P Bk/1P	50BAY8001	UVG48ACV		2984	A 1	H/W 423
50BFF00 XW51	380V U5 FLY ASH BUNK BD DC	FAIL NORMAL	50BFF01 AA001 X05 137/138	50BYB01 XH 053 AB	Be/1P R/1P	50BFF8001	UVG4ACV		2985	A 1	H/W 424
50BFF00 XW54	380V U5 FLY ASH BUNKER BD U/V	ALARM NORMAL	50BFF01 AA001 X05 170/171	50BYB01 XH 053 CD	Gy/1P Y/1P	50BFF8001	UVG4ACV	I 21 5	2986	A 1	H/W 425
50MKA10 EW001 XW11	GEN 5 M1 NEG PHASE SEQUENCE	TRIP NORMAL	50BAY01 AA001 X32 004/011	50BYB01 XH 005 AB	Be/2P R/2P	50BAY8001	UVG48ACV		2987	A 2	H/W 426
50BLA00 XW51	380V UNIT LIGHTING BD 5 DC	FAIL NORMAL	50BLA01 AA001 X05 137/138	50BYB01 XH 055 AB	Be/1P R/1P	50BLA8001	UVG4ACV		2988	A 1	H/W 427
50BLA00 XW54	380V UNIT LIGHTING BD 5 U/V	ALARM NORMAL	50BLA01 AA001 X05 170/171	50BYB01 XH 055 CD	Gy/1P Y/1P	50BLA8001	UVG4ACV	I 21 6	2989	A 1	H/W 428
50MKA10 XW19	GEN 5 UNDER FREQUENCY	TRIP NORMAL	50BAY01 AA001 X33 001/008	50BYB01 XH 005 EF	Gn/2P Bn/2P	50BAY8001	UVG48ACV		2990	A 2	H/W 429
50BTL10 XW61	220V UNIT 5 BATTERY CHGR C	UNHEALTH NORMAL	50BTL10 AA001 X02 025/026	50BYB01 XH 057 AB	Be/1P R/1P	50BTL8001	UVG4ACV		2991	A 1	H/W 430
50BMA12 XW51	380V U/DIESEL GEN BD 5 CUB12 DC	FAIL NORMAL	50BMA12 AA001 X05 137/138	50BYB01 XH 058 AB	Be/1P R/1P	50BMA8201	UVG4ACV		2992	A 1	H/W 431

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50MKA10 AA002 XW53	GEN 5 DIFF W PHASE	TRIP NORMAL	50BAY01 AA001 X23 002/009	50BYB01 XH 006 EF	Gn/3P Bn/3P	50BAY8001	UVG48ACV		2993	A 2	H/W 432
50BMA13 XW51	380V U/DIESEL GEN BD 5 CUB13 DC	FAIL NORMAL	50BMA13 AA001 X05 137/138	50BYB01 XH 059 AB	Be/1P R/1P	50BMA8202	UVG4ACV		2994	A 1	H/W 433
50BMA14 XW51	380V U/DIESEL GEN BD 5 CUB14 DC	FAIL NORMAL	50BMA14 AA001 X05 137/138	50BYB01 XH 060 AB	Be/1P R/1P	50BMA8203	UVG4ACV		2995	A 1	H/W 434
50BMA15 XW51	380V U/DIESEL GEN BD 5 CUB15 DC	FAIL NORMAL	50BMA15 AA001 X05 137/138	50BYB01 XH 061 AB	Be/1P R/1P	50BMA8204	UVG4ACV		2996	A 1	H/W 435
50BMB00 XW54	380V U5 LIGHTING ESSEN BD U/V	ALARM NORMAL	50BMB01 AA001 X05 289/290	50BYB01 XH 062 AB	Be/1P R/1P	50BMB8001	UVG4ACV	I 22 0	2997	A 1	H/W 436
50XKA10 XW96	UNIT 5 DIESEL GEN FUEL	LOW NORMAL	50BMY01 AA001 X05 219/220	50BYB01 XH 063 AB	Be/1P R/1P	50BMY8001	UVG8ACV		2998	A 1	H/W 437
50BMA00 XW65	UNIT 5 DIESEL GEN 380V SYSTEM	UNHEALTH NORMAL	50BMY01 AA001 X05 225/226	50BYB01 XH 063 CD	Gy/1P Y/1P	50BMY8001	UVG8ACV		2999	A 1	H/W 438
50XKA10 XB01	UNIT 5 DIESEL GEN	RUNNING STOPPED	50BMY01 AA001 X05 193/194	50BYB01 XH 063 EF	Gn/1P Bn/1P	50BMY8001	UVG8ACV		3000	A 3	H/W 439
50XKA10 XW64	UNIT 5 DIESEL GEN 3 3kV SYSTEM	UNHEALTH NORMAL	50BMY01 AA001 X05 222/223	50BYB01 XH 063 GH	W/1P Bk/1P	50BMY8001	UVG8ACV		3001	A 1	H/W 440
50BTP10 XW61	+24V UNIT 5 BATTERY CHGR A1	UNHEALTH NORMAL	50BTP10 AA001 X02 025/026	50BYB01 XH 065 AB	Be/1P R/1P	50BTP8001	UVG4ACV		3002	A 1	H/W 441
50BTP20 XW61	-24V UNIT 5 BATTERY CHGR A2	UNHEALTH NORMAL	50BTP20 AA001 X02 025/026	50BYB01 XH 066 AB	Be/1P R/1P	50BTP8002	UVG4ACV		3003	A 1	H/W 442
50BTP30 XW61	+24V UNIT 5 BATTERY CHGR B1	UNHEALTH NORMAL	50BTP30 AA001 X02 025/026	50BYB01 XH 067 AB	Be/1P R/1P	50BTP8003	UVG4ACV		3004	A 1	H/W 443
50BTP40 XW61	-24V UNIT 5 BATTERY CHGR B2	UNHEALTH NORMAL	50BTP40 AA001 X02 025/026	50BYB01 XH 068 AB	Be/1P R/1P	50BTP8004	UVG4ACV		3005	A 1	H/W 444
50BYA01 XW20	UNIT 5 MEAS PANEL SUPPLY	FAIL NORMAL	50BYA01 AA001 X70 001/002	50BYB01 XW 001 AB	W Be	50BYA8002	TVH10BR		3006	A 1	H/W 445
50MKA10 EW001 XW17	GEN 5 M1 REV POWER LONG TIME	TRIP NORMAL	50BAY01 AA001 X36 001/008	50BYB01 XH 006 GH	W/3P Bk/3P	50BAY8001	UVG48ACV		3007	A 2	H/W 446
50MKA10 EW001 XW16	GEN 5 M1 REV POWER SHORT TIME	TRIP NORMAL	50BAY01 AA001 X36 002/009	50BYB01 XH 007 AB	Be/4P R/4P	50BAY8001	UVG48ACV		3008	A 2	H/W 447
50MKA10 XW76	GEN 5 OVERVOLTAGE	TRIP NORMAL	50BAY01 AA001 X36 005/012	50BYB01 XH 007 CD	Gy/4P Y/4P	50BAY8001	UVG48ACV		3009	A 2	H/W 448
50BAT10 GT100 XW12	GEN TRFR 5 OVERFLUXING STAGE 1	ALARM NORMAL	50BAY01 AA001 X31 005/012	50BYB01 XH 007 EF	Gn/4P Bn/4P	50BAY8001	UVG48ACV		3010	A 2	H/W 449
50BFT13 XW58	11kV UNIT BD 5A CUB06 TRFR DC	FAIL NORMAL	51BBA06 AA001 X03 061/062	50BYB01 XH 070 AB	Be/1P R/1P	51BBA8015	UVG4ACV		3011	A 1	H/W 450
50BFT11 XW58	11kV UNIT BD 5A CUB07 TRFR DC	FAIL NORMAL	51BBA07 AA001 X03 061/062	50BYB01 XH 071 AB	Be/1P R/1P	51BBA8016	UVG4ACV		3012	A 1	H/W 451
50BFT31 XW58	11kV UNIT BD 5A CUB08 TRFR DC	FAIL NORMAL	51BBA08 AA001 X03 061/062	50BYB01 XH 072 AB	Be/1P R/1P	51BBA8017	UVG4ACV		3013	A 1	H/W 452
51BBA01 XW51	11kV UNIT BD 5A CUB01 DC	FAIL NORMAL	51BBA01 AA001 X03 020/019	50BYB01 XH 073 AB	Be/1P R/1P	51BBA8201	UVG4ACV		3014	A 1	H/W 453
51BBA01 XW52	11kV UNIT BD 5A CUB01 T/CCT	FAULT NORMAL	51BBA01 AA001 X03 021/022	50BYB01 XH 073 CD	Gy/1P Y/1P	51BBA8201	UVG4ACV		3015	A 1	H/W 454
51BBA00 XW54	11kV UNIT BD 5A U/V	ALARM NORMAL	51BBA01 AA001 X03 023/024	50BYB01 XH 073 EF	Gn/1P Bn/1P	51BBA8201	UVG4ACV	I 20 1	3016	A 1	H/W 455

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
52BBA00 XW54	11kV UNIT BD 5B U/V	ALARM NORMAL	51BBA01 AA001 X03 025/026	50BYB01 XH 073 GH	W/1P Bk/1P	51BBA8201	UVG4ACV	I 20 2	3017	A 1	H/W 456
51BBA03 XW51	11kV UNIT BD 5A CUB03 DC	FAIL NORMAL	51BBA03 AA001 X03 044/043	50BYB01 XH 074 AB	Be/1P R/1P	51BBA8203	UVG4ACV		3018	A 1	H/W 457
51BBA03 XW52	11kV UNIT BD 5A CUB03 T/CCT	FAULT NORMAL	51BBA03 AA001 X03 045/046	50BYB01 XH 074 CD	Gy/1P Y/1P	51BBA8203	UVG4ACV		3019	A 1	H/W 458
51BBA03 XW53	11kV UNIT BD 5A CUB03 PROT	TRIP NORMAL	51BBA03 AA001 X03 047/048	50BYB01 XH 074 EF	Gn/1P Bn/1P	51BBA8203	UVG4ACV		3020	A 2	H/W 459
51BBA05 XW51	11kV UNIT BD 5A CUB05 DC	FAIL NORMAL	51BBA05 AA001 X03 027/028	50BYB01 XH 075 AB	Be/1P R/1P	51BBA8205	UVG8ACV		3021	A 1	H/W 460
51BBA05 XW52	11kV UNIT BD 5A CUB05 T/CCT	FAULT NORMAL	51BBA05 AA001 X03 031/032	50BYB01 XH 075 CD	Gy/1P Y/1P	51BBA8205	UVG8ACV		3022	A 1	H/W 461
51BBA05 XW53	11kV UNIT BD 5A CUB05 PROT	TRIP NORMAL	51BBA05 AA001 X03 029/030	50BYB01 XH 075 EF	Gn/1P Bn/1P	51BBA8205	UVG8ACV		3023	A 2	H/W 462
50BCT10 XW55	11kV UNIT BD 5A CUB05 BUCH	ALARM NORMAL	51BBA05 AA001 X03 055/056	50BYB01 XH 075 GH	W/1P Bk/1P	51BBA8205	UVG8ACV		3024	A 1	H/W 463
50BCT10 XW57	11kV UNIT BD 5A CUB05 OIL TEMP	ALARM NORMAL	51BBA05 AA001 X03 057/058	50BYB01 XH 076 AB	Be/2P R/2P	51BBA8205	UVG8ACV		3025	A 1	H/W 464
50BCT10 XW56	11kV UNIT BD 5A CUB05 WDG TEMP	ALARM NORMAL	51BBA05 AA001 X03 059/060	50BYB01 XH 076 CD	Gy/2P Y/2P	51BBA8205	UVG8ACV		3026	A 1	H/W 465
50MKA10 AA003 XW53	GEN 5 DIFF B PHASE	TRIP NORMAL	50BAY01 AA001 X23 003/010	50BYB01 XH 008 CD	Gy/1O Y/1O	50BAY8001	UVG48ACV		3027	A 2	H/W 466
51BBA06 XW51	11kV UNIT BD 5A CUB06 DC	FAIL NORMAL	51BBA06 AA001 X03 043/044	50BYB01 XH 077 AB	Be/1P R/1P	51BBA8206	UVG4ACV		3028	A 1	H/W 467
51BBA06 XW52	11kV UNIT BD 5A CUB06 T/CCT	FAULT NORMAL	51BBA06 AA001 X03 045/046	50BYB01 XH 077 CD	Gy/1P Y/1P	51BBA8206	UVG4ACV		3029	A 1	H/W 468
51BBA06 XW53	11kV UNIT BD 5A CUB06 PROT	TRIP NORMAL	51BBA06 AA001 X03 047/048	50BYB01 XH 077 EF	Gn/1P Bn/1P	51BBA8206	UVG4ACV		3030	A 2	H/W 469
50BFT13 XW56	11kV UNIT BD 5A CUB06 WDG TEMP	ALARM NORMAL	51BBA06 AA001 X03 059/060	50BYB01 XH 077 GH	W/1P Bk/1P	51BBA8206	UVG4ACV		3031	A 1	H/W 470
51BBA07 XW51	11kV UNIT BD 5A CUB07 DC	FAIL NORMAL	51BBA07 AA001 X03 043/044	50BYB01 XH 078 AB	Be/1P R/1P	51BBA8207	UVG4ACV		3032	A 1	H/W 471
51BBA07 XW52	11kV UNIT BD 5A CUB07 T/CCT	FAULT NORMAL	51BBA07 AA001 X03 045/046	50BYB01 XH 078 CD	Gy/1P Y/1P	51BBA8207	UVG4ACV		3033	A 1	H/W 472
51BBA07 XW53	11kV UNIT BD 5A CUB07 PROT	TRIP NORMAL	51BBA07 AA001 X03 047/048	50BYB01 XH 078 EF	Gn/1P Bn/1P	51BBA8207	UVG4ACV		3034	A 2	H/W 473
50BFT11 XW56	11kV UNIT BD 5A CUB07 WDG TEMP	ALARM NORMAL	51BBA07 AA001 X03 059/060	50BYB01 XH 078 GH	W/1P Bk/1P	51BBA8207	UVG4ACV		3035	A 1	H/W 474
51BBA08 XW51	11kV UNIT BD 5A CUB08 DC	FAIL NORMAL	51BBA08 AA001 X03 043/044	50BYB01 XH 079 AB	Be/1P R/1P	51BBA8208	UVG4ACV		3036	A 1	H/W 475
51BBA08 XW52	11kV UNIT BD 5A CUB08 T/CCT	FAULT NORMAL	51BBA08 AA001 X03 045/046	50BYB01 XH 079 CD	Gy/1P Y/1P	51BBA8208	UVG4ACV		3037	A 1	H/W 476
51BBA08 XW53	11kV UNIT BD 5A CUB08 PROT	TRIP NORMAL	51BBA08 AA001 X03 047/048	50BYB01 XH 079 EF	Gn/1P Bn/1P	51BBA8208	UVG4ACV		3038	A 2	H/W 477
50BFT31 XW56	11kV UNIT BD 5A CUB08 WDG TEMP	ALARM NORMAL	51BBA08 AA001 X03 059/060	50BYB01 XH 079 GH	W/1P Bk/1P	51BBA8208	UVG4ACV		3039	A 1	H/W 478
51BBA09 XW51	11kV UNIT BD 5A CUB09 DC	FAIL NORMAL	51BBA09 AA001 X03 043/044	50BYB01 XH 080 AB	Be/1P R/1P	51BBA8209	UVG8ACV		3040	A 1	H/W 479

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51BBA09 XW52	11kV UNIT BD 5A CUB09 T/CCT	FAULT NORMAL	51BBA09 AA001 X03 045/046	50BYB01 XH 080 CD	Gy/1P Y/1P	51BBA8209	UVG8ACV		3041	A 1	H/W 480
51BBA09 XW53	11kV UNIT BD 5A CUB09 PROT	TRIP NORMAL	51BBA09 AA001 X03 047/048	50BYB01 XH 080 EF	Gn/1P Bn/1P	51BBA8209	UVG8ACV		3042	A 2	H/W 481
50BFT41 XW55	11kV UNIT BD 5A CUB09 BUCH	ALARM NORMAL	51BBA09 AA001 X03 055/056	50BYB01 XH 080 GH	W/1P Bk/1P	51BBA8209	UVG8ACV		3043	A 1	H/W 482
50BFT41 XW57	11kV UNIT BD 5A CUB09 OIL TEMP	ALARM NORMAL	51BBA09 AA001 X03 057/058	50BYB01 XH 081 AB	Be/2P R/2P	51BBA8209	UVG8ACV		3044	A 1	H/W 483
51BBA10 XW51	11kV UNIT BD 5A CUB10 DC	FAIL NORMAL	51BBA10 AA001 X03 028/027	50BYB01 XH 082 AB	Be/1P R/1P	51BBA8210	UVG4ACV		3045	A 1	H/W 484
51BBA10 XW52	11kV UNIT BD 5A CUB10 T/CCT	FAULT NORMAL	51BBA10 AA001 X03 031/032	50BYB01 XH 082 CD	Gy/1P Y/1P	51BBA8210	UVG4ACV		3046	A 1	H/W 485
51BBA10 XW53	11kV UNIT BD 5A CUB10 PROT	TRIP NORMAL	51BBA10 AA001 X03 029/030	50BYB01 XH 082 EF	Gn/1P Bn/1P	51BBA8210	UVG4ACV		3047	A 2	H/W 486
51BBA12 XW51	11kV UNIT BD 5A CUB12 DC	FAIL NORMAL	51BBA12 AA001 X03 043/044	50BYB01 XH 083 AB	Be/1P R/1P	51BBA8212	UVG4ACV		3048	A 1	H/W 487
51BBA12 XW52	11kV UNIT BD 5A CUB12 T/CCT	FAULT NORMAL	51BBA12 AA001 X03 045/046	50BYB01 XH 083 CD	Gy/1P Y/1P	51BBA8212	UVG4ACV		3049	A 1	H/W 488
51BBA12 XW53	11kV UNIT BD 5A CUB12 PROT	TRIP NORMAL	51BBA12 AA001 X03 047/048	50BYB01 XH 083 EF	Gn/1P Bn/1P	51BBA8212	UVG4ACV		3050	A 2	H/W 489
51BCA01 XW51	6 6kV SERV BD 5A CUB01 DC	FAIL NORMAL	51BCA01 AA001 X03 020/019	50BYB01 XH 084 AB	Be/1P R/1P	51BCA8201	UVG4ACV		3051	A 1	H/W 490
51BCA01 XW52	6 6kV SERV BD 5A CUB01 T/CCT	FAULT NORMAL	51BCA01 AA001 X03 021/022	50BYB01 XH 084 CD	Gy/1P Y/1P	51BCA8201	UVG4ACV		3052	A 1	H/W 491
51BCA00 XW54	6 6kV SERV BD 5A U/V	ALARM NORMAL	51BCA01 AA001 X03 023/024	50BYB01 XH 084 EF	Gn/1P Bn/1P	51BCA8201	UVG4ACV	I 20 0	3053	A 1	H/W 492
52BCA00 XW54	6 6kV SERV BD 5B U/V	ALARM NORMAL	51BCA01 AA001 X03 025/026	50BYB01 XH 084 GH	W/1P Bk/1P	51BCA8201	UVG4ACV	I 20 3	3054	A 1	H/W 493
51BCA02 XW51	6 6kV SERV BD 5A CUB02 DC	FAIL NORMAL	51BCA02 AA001 X03 038/037	50BYB01 XH 085 AB	Be/1P R/1P	51BCA8202	UVG4ACV		3055	A 1	H/W 494
51BCA02 XW52	6 6kV SERV BD 5A CUB02 T/CCT	FAULT NORMAL	51BCA02 AA001 X03 041/042	50BYB01 XH 085 CD	Gy/1P Y/1P	51BCA8202	UVG4ACV		3056	A 1	H/W 495
51BCA02 XW53	6 6kV SERV BD 5A CUB02 PROT	TRIP NORMAL	51BCA02 AA001 X03 039/040	50BYB01 XH 085 EF	Gn/1P Bn/1P	51BCA8202	UVG4ACV		3057	A 2	H/W 496
50MKA10 EW200 XW20	GEN 5 100% STATOR E/F SUPPLY	FAIL NORMAL	50BAY01 AA001 X52 081/082	50BYB01 XH 012 EF	Gn/1V Bn/1V	50BAY8001	UVG48ACV		3058	A 1	H/W 497
50MKA10 EW002 XW17	GEN 5 M2 REV POWER LONG TIME	TRIP NORMAL	50BAY02 AA001 X32 001/008	50BYB01 XH 016 CD	Gy/1P Y/1P	50BAY8002	UVG48ACV		3059	A 2	H/W 498
51BFA00 XW54	380V UNIT BD 5A U/V	ALARM NORMAL	51BFA20 AA001 X05 170/171	50BYB01 XH 087 CD	Gy/1P Y/1P	51BFA8201	UVG4ACV	I 20 4	3060	A 1	H/W 499
51BFA19 XW51	380V UNIT BD 5A DC	FAIL NORMAL	51BFA19 AA001 X05 137/138	50BYB01 XH 088 AB	Be/1P R/1P	51BFA8202	UVG4ACV		3061	A 1	H/W 500
51BFC00 XW51	380V UNIT PRECIP BD 5 DC	FAIL NORMAL	51BFC02 AA001 X05 137/138	50BYB01 XH 089 AB	Be/1P R/1P	51BFC8035	UVG4ACV		3062	A 1	H/W 501
50MKA10 EW002 XW16	GEN 5 M2 REV POWER SHORT TIME	TRIP NORMAL	50BAY02 AA001 X32 002/009	50BYB01 XH 016 EF	Gn/1P Bn/1P	50BAY8002	UVG48ACV		3063	A 2	H/W 502
51BFC00 XW54	380V UNIT PRECIP BD 5A U/V	ALARM NORMAL	51BFC02 AA001 X05 170/171	50BYB01 XH 090 CD	Gy/1P Y/1P	51BFC8036	UVG4ACV	I 20 5	3064	A 1	H/W 503

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH No IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50MKA10 EW002 XW10	GEN 5 M2 NEG PHASE SEQUENCE	ALARM NORMAL	50BAY02 AA001 X32 003/010	50BYB01 XH 016 GH	W/1P Bk/1P	50BAY8002	UVG48ACV		3065	A 1	H/W 504
51BUA00 XW54	220V DC UNIT BD 5A SUPPLY	FAIL NORMAL	51BUA01 AA001 X02 001/003	50BYB01 XH 091 CD	Gy/1P Y/1P	51BUA8001	UVG4ACV		3066	A 1	H/W 505
50MKA10 XW13	GEN 5 BACK UP IMPEDANCE	TRIP NORMAL	50BAY02 AA001 X32 006/013	50BYB01 XH 017 CD	Gy/2P Y/2P	50BAY8002	UVG48ACV		3067	A 2	H/W 506
50MKA10 XW18	GEN 5 POWER PLANT DISCONNECTION	TRIP NORMAL	50BAY02 AA001 X33 001/008	50BYB01 XH 017 EF	Gn/2P Bn/2P	50BAY8002	UVG48ACV		3068	A 2	H/W 507
50MKA10 EW102 XW85	GEN 5 ROTOR E/F < 5 K OHM	TRIP NORMAL	50BAY02 AA001 X33 003/010	50BYB01 XH 018 AB	Be/3P R/3P	50BAY8002	UVG48ACV		3069	A 2	H/W 508
50MKA10 XW15	GEN 5 LOSS OF FIELD STAGE 2	TRIP NORMAL	50BAY02 AA001 X33 004/011	50BYB01 XH 018 CD	Gy/3P Y/3P	50BAY8002	UVG48ACV		3070	A 2	H/W 509
50BFT12 XW58	11kV UNIT BD 5B CUB06 TRFR DC	FAIL NORMAL	52BBA06 AA001 X03 061/062	50BYB01 XH 093 AB	Be/1P R/1P	52BBA8015	UVG4ACV		3071	A 1	H/W 510
50BFT14 XW58	11kV UNIT BD 5B CUB07 TRFR DC	FAIL NORMAL	52BBA07 AA001 X03 061/062	50BYB01 XH 094 AB	Be/1P R/1P	52BBA8016	UVG4ACV		3072	A 1	H/W 511
50BFT32 XW58	11kV UNIT BD 5B CUB08 TRFR DC	FAIL NORMAL	52BBA08 AA001 X03 061/062	50BYB01 XH 095 AB	Be/1P R/1P	52BBA8017	UVG4ACV		3073	A 1	H/W 512
50BFT61 XW58	11kV UNIT BD 5B CUB10 TRFR DC	FAIL NORMAL	52BBA10 AA001 X03 061/062	50BYB01 XH 096 AB	Be/1P R/1P	52BBA8018	UVG4ACV		3074	A 1	H/W 513
52BBA03 XW51	11kV UNIT BD 5B CUB03 DC	FAIL NORMAL	52BBA03 AA001 X03 044/043	50BYB01 XH 097 AB	Be/1P R/1P	52BBA8203	UVG4ACV		3075	A 1	H/W 514
52BBA03 XW52	11kV UNIT BD 5B CUB03 T/CCT	FAULT NORMAL	52BBA03 AA001 X03 045/046	50BYB01 XH 097 CD	Gy/1P Y/1P	52BBA8203	UVG4ACV		3076	A 1	H/W 515
52BBA03 XW53	11kV UNIT BD 5B CUB03 PROT	TRIP NORMAL	52BBA03 AA001 X03 047/048	50BYB01 XH 097 EF	Gn/1P Bn/1P	52BBA8203	UVG4ACV		3077	A 2	H/W 516
52BBA05 XW51	11kV UNIT BD 5B CUB05 DC	FAIL NORMAL	52BBA05 AA001 X03 027/028	50BYB01 XH 098 AB	Be/1P R/1P	52BBA8205	UVG8ACV		3078	A 1	H/W 517
52BBA05 XW52	11kV UNIT BD 5B CUB05 T/CCT	FAULT NORMAL	52BBA05 AA001 X03 031/032	50BYB01 XH 098 CD	Gy/1P Y/1P	52BBA8205	UVG8ACV		3079	A 1	H/W 518
52BBA05 XW53	11kV UNIT BD 5B CUB05 PROT	TRIP NORMAL	52BBA05 AA001 X03 029/030	50BYB01 XH 098 EF	Gn/1P Bn/1P	52BBA8205	UVG8ACV		3080	A 2	H/W 519
50BCT20 XW55	11kV UNIT BD 5B CUB05 BUCH	ALARM NORMAL	52BBA05 AA001 X03 055/056	50BYB01 XH 098 GH	W/1P Bk/1P	52BBA8205	UVG8ACV		3081	A 1	H/W 520
50BCT20 XW57	11kV UNIT BD 5B CUB05 OIL TEMP	ALARM NORMAL	52BBA05 AA001 X03 057/058	50BYB01 XH 099 AB	Be/2P R/2P	52BBA8205	UVG8ACV		3082	A 1	H/W 521
50BCT20 XW56	11kV UNIT BD 5B CUB05 WDG TEMP	ALARM NORMAL	52BBA05 AA001 X03 059/060	50BYB01 XH 099 CD	Gy/2P Y/2P	52BBA8205	UVG8ACV		3083	A 1	H/W 522
50MKA10 XW38	GEN 5 OVERFLUXING STAGE 1	TRIP NORMAL	50BAY02 AA001 X33 006/013	50BYB01 XH 018 GH	W/3P Bk/3P	50BAY8002	UVG48ACV		3084	A 2	H/W 523
52BBA06 XW51	11kV UNIT BD 5B CUB06 DC	FAIL NORMAL	52BBA06 AA001 X03 043/044	50BYB01 XH 100 AB	Be/1P R/1P	52BBA8206	UVG4ACV		3085	A 1	H/W 524
52BBA06 XW52	11kV UNIT BD 5B CUB06 T/CCT	FAULT NORMAL	52BBA06 AA001 X03 045/046	50BYB01 XH 100 CD	Gy/1P Y/1P	52BBA8206	UVG4ACV		3086	A 1	H/W 525
52BBA06 XW53	11kV UNIT BD 5B CUB06 PROT	TRIP NORMAL	52BBA06 AA001 X03 047/048	50BYB01 XH 100 EF	Gn/1P Bn/1P	52BBA8206	UVG4ACV		3087	A 2	H/W 526
50BFT12 XW56	11kV UNIT BD 5B CUB06 WDG TEMP	ALARM NORMAL	52BBA06 AA001 X03 059/060	50BYB01 XH 100 GH	W/1P Bk/1P	52BBA8206	UVG4ACV		3088	A 1	H/W 527

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52BBA07 XW51	11kV UNIT BD 5B CUB07 DC	FAIL NORMAL	52BBA07 AA001 X03 043/044	50BYB01 XH:101 AB	Be/1P R/1P	52BBA8207	UVG4ACV		3089	A 1	H/W 528
52BBA07 XW52	11kV UNIT BD 5B CUB07 T/CCT	FAULT NORMAL	52BBA07 AA001 X03 045/046	50BYB01 XH:101 CD	Gy/1P Y/1P	52BBA8207	UVG4ACV		3090	A 1	H/W 529
52BBA07 XW53	11kV UNIT BD 5B CUB07 PROT	TRIP NORMAL	52BBA07 AA001 X03 047/048	50BYB01 XH:101 EF	Gn/1P Bn/1P	52BBA8207	UVG4ACV		3091	A 2	H/W 530
50BFT14 XW56	11kV UNIT BD 5B CUB07 WDG TEMP	ALARM NORMAL	52BBA07 AA001 X03 059/060	50BYB01 XH:101 GH	W/1P Bk/1P	52BBA8207	UVG4ACV		3092	A 1	H/W 531
52BBA08 XW51	11kV UNIT BD 5B CUB08 DC	FAIL NORMAL	52BBA08 AA001 X03 043/044	50BYB01 XH:102 AB	Be/1P R/1P	52BBA8208	UVG4ACV		3093	A 1	H/W 532
52BBA08 XW52	11kV UNIT BD 5B CUB08 T/CCT	FAULT NORMAL	52BBA08 AA001 X03 045/046	50BYB01 XH:102 CD	Gy/1P Y/1P	52BBA8208	UVG4ACV		3094	A 1	H/W 533
52BBA08 XW53	11kV UNIT BD 5B CUB08 PROT	TRIP NORMAL	52BBA08 AA001 X03 047/048	50BYB01 XH:102 EF	Gn/1P Bn/1P	52BBA8208	UVG4ACV		3095	A 2	H/W 534
50BFT32 XW56	11kV UNIT BD 5B CUB08 WDG TEMP	ALARM NORMAL	52BBA08 AA001 X03 059/060	50BYB01 XH:102 GH	W/1P Bk/1P	52BBA8208	UVG4ACV		3096	A 1	H/W 535
52BBA09 XW51	11kV UNIT BD 5B CUB09 DC	FAIL NORMAL	52BBA09 AA001 X03 043/044	50BYB01 XH:103 AB	Be/1P R/1P	52BBA8209	UVG8ACV		3097	A 1	H/W 536
52BBA09 XW52	11kV UNIT BD 5B CUB09 T/CCT	FAULT NORMAL	52BBA09 AA001 X03 045/046	50BYB01 XH:103 CD	Gy/1P Y/1P	52BBA8209	UVG8ACV		3098	A 1	H/W 537
52BBA09 XW53	11kV UNIT BD 5B CUB09 PROT	TRIP NORMAL	52BBA09 AA001 X03 047/048	50BYB01 XH:103 EF	Gn/1P Bn/1P	52BBA8209	UVG8ACV		3099	A 2	H/W 538
50BFT42 XW55	11kV UNIT BD 5B CUB09 BUCH	ALARM NORMAL	52BBA09 AA001 X03 055/056	50BYB01 XH:103 GH	W/1P Bk/1P	52BBA8209	UVG8ACV		3100	A 1	H/W 539
50BFT42 XW57	11kV UNIT BD 5B CUB09 OIL TEMP	ALARM NORMAL	52BBA09 AA001 X03 057/058	50BYB01 XH:104 AB	Be/2P R/2P	52BBA8209	UVG8ACV		3101	A 1	H/W 540
52BBA10 XW51	11kV UNIT BD 5B CUB10 DC	FAIL NORMAL	52BBA10 AA001 X03 043/044	50BYB01 XH:105 AB	Be/1P R/1P	52BBA8210	UVG4ACV		3102	A 1	H/W 541
52BBA10 XW52	11kV UNIT BD 5B CUB10 T/CCT	FAULT NORMAL	52BBA10 AA001 X03 045/046	50BYB01 XH:105 CD	Gy/1P Y/1P	52BBA8210	UVG4ACV		3103	A 1	H/W 542
52BBA10 XW53	11kV UNIT BD 5B CUB10 PROT	TRIP NORMAL	52BBA10 AA001 X03 047/048	50BYB01 XH:105 EF	Gn/1P Bn/1P	52BBA8210	UVG4ACV		3104	A 2	H/W 543
50BFT61 XW56	11kV UNIT BD 5B CUB10 WDG TEMP	ALARM NORMAL	52BBA10 AA001 X03 059/060	50BYB01 XH:105 GH	W/1P Bk/1P	52BBA8210	UVG4ACV		3105	A 1	H/W 544
52BBA11 XW51	11kV UNIT BD 5B CUB11 DC	FAIL NORMAL	52BBA11 AA001 X03 043/044	50BYB01 XH:106 AB	Be/1P R/1P	52BBA8211	UVG8ACV		3106	A 1	H/W 545
52BBA11 XW52	11kV UNIT BD 5B CUB11 T/CCT	FAULT NORMAL	52BBA11 AA001 X03 045/046	50BYB01 XH:106 CD	Gy/1P Y/1P	52BBA8211	UVG8ACV		3107	A 1	H/W 546
52BBA11 XW53	11kV UNIT BD 5B CUB11 PROT	TRIP NORMAL	52BBA11 AA001 X03 047/048	50BYB01 XH:106 EF	Gn/1P Bn/1P	52BBA8211	UVG8ACV		3108	A 2	H/W 547
50BFT71 XW55	11kV UNIT BD 5B CUB11 BUCH	ALARM NORMAL	52BBA11 AA001 X03 055/056	50BYB01 XH:106 GH	W/1P Bk/1P	52BBA8211	UVG8ACV		3109	A 1	H/W 548
50BFT71 XW57	11kV UNIT BD 5B CUB11 OIL TEMP	ALARM NORMAL	52BBA11 AA001 X03 057/058	50BYB01 XH:107 AB	Be/2P R/2P	52BBA8211	UVG8ACV		3110	A 1	H/W 549
52BBA12 XW51	11kV UNIT BD 5B CUB12 DC	FAIL NORMAL	52BBA12 AA001 X03 043/044	50BYB01 XH:108 AB	Be/1P R/1P	52BBA8212	UVG4ACV		3111	A 1	H/W 550
52BBA12 XW52	11kV UNIT BD 5B CUB12 T/CCT	FAULT NORMAL	52BBA12 AA001 X03 045/046	50BYB01 XH:108 CD	Gy/1P Y/1P	52BBA8212	UVG4ACV		3112	A 1	H/W 551

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52BBA12 XW53	11kV UNIT BD 5B CUB12 PROT	TRIP NORMAL	52BBA12 AA001 X03 047/048	50BYB01 XH:108 EF	Gn/1P Bn/1P	52BBA8212	UVG4ACV		3113	A 2	H/W 552
52BCA01 XW51	6.6kV SERV BD 5B CUB01 DC	FAIL NORMAL	52BCA01 AA001 X03 038/037	50BYB01 XH:109 AB	Be/1P R/1P	52BCA8201	UVG4ACV		3114	A 1	H/W 553
52BCA01 XW52	6.6kV SERV BD 5B CUB01 T/CCT	FAULT NORMAL	52BCA01 AA001 X03 041/042	50BYB01 XH:109 CD	Gy/1P Y/1P	52BCA8201	UVG4ACV		3115	A 1	H/W 554
52BCA01 XW53	6.6kV SERV BD 5B CUB01 PROT	TRIP NORMAL	52BCA01 AA001 X03 039/040	50BYB01 XH:109 EF	Gn/1P Bn/1P	52BCA8201	UVG4ACV		3116	A 2	H/W 555
50MKA10 EW201 XW85	GEN 5 90% STATOR E/F	TRIP NORMAL	50BAY02 AA001 X33 007/014	50BYB01 XH:019 AB	Be/4P R/4P	50BAY8002	UVG48ACV		3117	A 2	H/W 556
50MKA10 XW33	GEN 5 OVERFLUXING STAGE 2	TRIP NORMAL	50BAY02 AA001 X33 005/012	50BYB01 XH:019 CD	Gy/4P Y/4P	50BAY8002	UVG48ACV		3118	A 2	H/W 557
52BFA00 XW54	380V UNIT BD 5B U/V	ALARM NORMAL	52BFA18 AA001 X05 170/171	50BYB01 XH:111 CD	Gy/1P Y/1P	52BFA8201	UVG4ACV	I 20.6	3119	A 1	H/W 558
52BFA17 XW51	380V UNIT BD 5B DC	FAIL NORMAL	51BFA17 AA001 X05 137/138	50BYB01 XH:112 AB	Be/1P R/1P	52BFA8202	UVG4ACV		3120	A 1	H/W 559
50BAY04 XW71	GEN 5 LOCAL CONTROL PANEL	ENABLED NORMAL	50BAY04 AA001 X05 090/091	50BYB01 XH:003 AB	Be/1P R/1P	50BAY8011	UVG4ACV		3121	A 3	H/W 560
52BFC00 XW54	380V UNIT PRECIP BD 5B U/V	ALARM NORMAL	52BFC02 AA001 X05 170/171	50BYB01 XH:113 CD	Gy/1P Y/1P	52BFC8035	UVG4ACV	I 20.7	3122	A 1	H/W 561
52BUD01 XW51	24V DC UNIT BD 5B SUPPLY	FAIL NORMAL	52BUD01 AA001 X02 001/003	50BYB01 XH:092 AB	Be/1P R/1P	52BUD8001	UVG4ACV		3123	A 1	H/W 562
52BUA00 XW54	220V DC UNIT BD 5B SUPPLY	FAIL NORMAL	52BUA01 AA001 X02 001/003	50BYB01 XH:114 CD	Gy/1P Y/1P	52BUA8001	UVG4ACV		3124	A 1	H/W 563
50BAT10 GT100 XW96	GEN TRFR 5 OIL LEVEL	LOW NORMAL	50BAY13 AA001 X01 007/018	50BYB01 XH:028 GH	W/1P Bk/1P	50BAY8006	UVG8ACV		3125	A 1	H/W 564
53BFA00 XW54	380V UNIT BD 5C U/V	ALARM NORMAL	53BFA20 AA001 X05 170/171	50BYB01 XH:115 CD	Gy/1P Y/1P	53BFA8001	UVG4ACV	I 21.0	3126	A 1	H/W 565
50MKA10 EW100 XW65	GEN 5 ROTOR E/F PROTECTION	UNHEALTH NORMAL	50BAY02 AA001 X34 006/013	50BYB01 XH:032 EF	Gn/1P Bn/1P	50BAY8008	UVG8ACV		3127	A 1	H/W 566
53BFA19 XW51	380V UNIT BD 5C DC	FAIL NORMAL	53BFA19 AA001 X05 137/138	50BYB01 XH:116 AB	Be/1P R/1P	53BFA8002	UVG4ACV		3128	A 1	H/W 567
53BUA00 XW54	220V DC UNIT BD 5C SUPPLY	FAIL NORMAL	53BUA01 AA001 X02 001/003	50BYB01 XH:118 AB	Be/1P R/1P	53BUA8001	UVG4ACV		3129	A 1	H/W 568
53BUA00 XW27	220V DC UNIT BD 5C EARTH	FAULT NORMAL	53BUA01 AA001 X02 004/005	50BYB01 XH:118 CD	Gy/1P Y/1P	53BUA8001	UVG4ACV		3130	A 1	H/W 569
50CJN03 XW24	GEN 5 FIELD BREAKER	TRIP NORMAL	50BAY02 AA001 X35 007/014	50BYB01 XH:033 AB	Be/2P R/2P	50BAY8008	UVG8ACV		3131	A 2	H/W 570
54BFA00 XW54	380V UNIT BD 5D U/V	ALARM NORMAL	54BFA18 AA001 X05 170/171	50BYB01 XH:119 CD	Gy/1P Y/1P	54BFA8001	UVG4ACV	I 21.2	3132	A 1	H/W 571
54BFA17 XW51	380V UNIT BD 5D DC	FAIL NORMAL	54BFA17 AA001 X05 137/138	50BYB01 XH:120 AB	Be/1P R/1P	54BFA8002	UVG4ACV		3133	A 1	H/W 572
54BFC00 XW54	380V U/DUST HAND BD 5B U/V	ALARM NORMAL	54BFC01 AA001 X05 170/171	50BYB01 XH:121 AB	Be/1P R/1P	54BFC8001	UVG4ACV	I 21.3	3134	A 1	H/W 573
53BFC00 XW54	380V U/DUST HAND BD 5A U/V	ALARM NORMAL	53BFC02 AA001 X05 170/171	50BYB01 XH:122 AB	Be/1P R/1P	53BFC8001	UVG4ACV	I 21.1	3135	A 1	H/W 574
50BTX51 XW58	UNIT 5 24V PLC POWER PACK	UNHEALTH NORMAL	50BTX51 AA001 X02 014/015	50BYB01 XH:123 AB	Be/1P R/1P	50BTX8001	UVG4ACV		3136	A 1	H/W 575

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52BUA00 XW27	220V DC UNIT BD 5B EARTH (ELDEC)	UNHEALTH NORMAL	52BUA01 AA001 X02 004/005	50BYB01 XH:114 AB	Be/1P R/1P	52BUA8001	UVG4ACV		3137	A 1	H/W 576
50BBY01 ES002 XW60	11kV UNIT BD 5 Z2 BUS ZONE PROT	ISOLATED NORMAL	50BBY01 AA001 X00 039/041	50BYB01 XH:040 AB	Be/2P R/2P	50BBY8001	UVG8ACV		3138	A 1	H/W 577
50BBY02 ES002 XW60	6.6kV SERV BD 5 Z2 BUS ZONE PROT	ISOLATED NORMAL	50BBY02 AA001 X00 039/041	50BYB01 XH:042 AB	Be/2P R/2P	50BBY8002	UVG8ACV		3139	A 3	H/W 578
50BBT10 GT200 XW57	UNIT TRFR 5A 11kV E/R OIL TEMP	ALARM NORMAL	50BBY11 AA001 X02 014/024	50BYB01 XH:044 CD	Gy/2P Y/2P	50BBY8003	UVG8ACV		3140	A 1	H/W 579
50BBT20 GT200 XW57	UNIT TRFR 5B 11kV E/R OIL TEMP	ALARM NORMAL	50BBY21 AA001 X02 014/024	50BYB01 XH:046 CD	Gy/2P Y/2P	50BBY8004	UVG8ACV		3141	A 1	H/W 580
50BMY00 XW64	UNIT 5 DIESEL GEN ALARM PANEL	ACTIVE NORMAL	50BMY02 AA001 X05 234/235	50BYB01 XH:064 AB	Be/2P R/2P	50BMY8001	UVG8ACV		3142	A 1	H/W 581
53BFC00 XW51	380V U/DUST HAND BD 5 DC	FAIL NORMAL	53BFC02 AA001 X05 137/138	50BYB01 XH:122 CD	Gy/1P Y/1P	53BFC8001	UVG4ACV		3143	A 1	H/W 582
50BBA00 EH001 XW51	11kV UNIT BD 5 220V DC SUPPLY	FAIL NORMAL	51BBA01 AA001 X03 027/028	50BYB01 XH:069 AB	Be/1P R/1P	51BBA8002	UVG4ACV		3144	A 1	H/W 583
51BBA00 XW51	11kV UNIT BD 5A EFP's DC	FAIL NORMAL	51BBA02 AA001 X03 043/044	50BYB01 XH:048 AB	Be/1P R/1P	51BBA8202	UVG4ACV		3145	A 1	H/W 584
51BBA00 XW52	11kV UNIT BD 5A EFP's T/CCT	FAULT NORMAL	51BBA02 AA001 X03 045/046	50BYB01 XH:048 CD	Gy/1P Y/1P	51BBA8202	UVG4ACV		3146	A 1	H/W 585
51BBA00 XW53	11kV UNIT BD 5A EFP's PROT	TRIP NORMAL	51BBA02 AA001 X03 047/048	50BYB01 XH:048 EF	Gn/1P Bn/1P	51BBA8202	UVG4ACV		3147	A 2	H/W 586
51BCA00 EH001 XW51	6.6kV SERV BD 5 220V DC SUPPLY	FAIL NORMAL	51BCA01 AA001 X03 027/028	50BYB01 XH:052 AB	Be/1P R/1P	51BCA8002	UVG4ACV		3148	A 1	H/W 587
51BCA00 XW51	6.6kV SERV BD 5A MTR CCT's DC	FAIL NORMAL	51BCA03 AA001 X03 033/034	50BYB01 XH:050 AB	Be/1P R/1P	51BCA8203	UVG4ACV		3149	A 1	H/W 588
51BCA00 XW52	6.6kV SERV BD 5A MTR CCT's T/CCT	FAULT NORMAL	51BCA03 AA001 X03 035/036	50BYB01 XH:050 CD	Gy/1P Y/1P	51BCA8203	UVG4ACV		3150	A 1	H/W 589
51BCA00 XW53	6.6kV SERV BD 5A MTR CCT's PROT	TRIP NORMAL	51BCA03 AA001 X03 039/040	50BYB01 XH:050 EF	Gn/1P Bn/1P	51BCA8203	UVG4ACV		3151	A 2	H/W 590
50BFL00 XW54	380V U/AIRCON BD 5 PHASE FAIL	ALARM NORMAL	51BFL01 AA001 X05 001/002	50BYB01 XH:054 AB	Be/1P R/1P	51BFL8001	UVG4ACV		3152	A 1	H/W 591
51BUD01 XW51	24V DC UNIT BD 5A SUPPLY	FAIL NORMAL	51BUD01 AA001 X02 001/003	50BYB01 XH:056 AB	Be/1P R/1P	51BUD8001	UVG4ACV		3153	A 1	H/W 592
52BCA00 XW51	6.6kV SERV BD 5B MTR CCT's DC	FAIL NORMAL	52BCA02 AA001 X03 033/034	50BYB01 XH:124 AB	Be/1P R/1P	52BCA8003	UVG4ACV		3154	A 1	H/W 593
52BCA00 XW52	6.6kV SERV BD 5B MTR CCT's T/CCT	FAULT NORMAL	52BCA02 AA001 X03 035/036	50BYB01 XH:124 CD	Gy/1P Y/1P	52BCA8003	UVG4ACV		3155	A 1	H/W 594
52BCA00 XW53	6.6kV SERV BD 5B MTR CCT's PROT	TRIP NORMAL	52BCA02 AA001 X03 039/040	50BYB01 XH:124 EF	Gn/1P Bn/1P	52BCA8003	UVG4ACV		3156	A 2	H/W 595
50BMA00 XW54	380V U/DIESEL GEN BD 5 U/V	ALARM NORMAL	50BMY02 AA001 X05 237/238	50BYB01 XH:064 CD	Gy/2P Y/2P	50BMY8001	UVG8ACV	I 22.1	3157	A 1	H/W 596
	UNIT 5 SPARE (ALARM NUMBER 3158)								3158	E 3	H/W 597
	UNIT 5 SPARE (ALARM NUMBER 3159)								3159	E 3	H/W 598
52BBA00 XW51	11kV UNIT BD 5B EFP's DC	FAIL NORMAL	52BBA01 AA001 X03 043/044	50BYB01 XH:110 AB	Be/1P R/1P	52BBA8202	UVG4ACV		3160	A 1	H/W 599

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
52BBA00 XW52	11kV UNIT BD 5B EFP's T/CCT	FAULT NORMAL	52BBA01 AA001 X03 045/046	50BYB01 XH:110 CD	Gy/1P Y/1P	52BBA8202	UVG4ACV		3161	A 1	H/W 600
52BBA00 XW53	11kV UNIT BD 5B EFP's PROT	TRIP NORMAL	52BBA01 AA001 X03 047/048	50BYB01 XH:110 EF	Gn/1P Bn/1P	52BBA8202	UVG4ACV		3162	A 2	H/W 601
50BAC00 XW35	GEN 5 22kV BKR COOLING FANS	UNHEALTH NORMAL	50BAY30 AA001 X03 052/053	50BYB01 XH:030 GH	W/1P Bk/1P	50BAY8007	UVG8ACV		3163	A 1	H/W 602
	UNIT 5 SPARE (ALARM NUMBER 3164)								3164	E 3	H/W 603
51BUA00 XW27	220V DC UNIT BD 5A EARTH (ELDEC)	UNHEALTH NORMAL	51BUA01 AA001 X01 004/005	50BYB01 XH:091 AB	Be/1P R/1P	21BUA8001	UVG4ACV		3165	A 1	H/W 604
	UNIT 5 SPARE (ALARM NUMBER 3166)								3166	E 3	H/W 605
	UNIT 5 SPARE (ALARM NUMBER 3167)								3167	E 3	H/W 606
50BAY04 XW35	GEN 5 FAULT RECORDER	UNHEALTH NORMAL	50BAY04 AA001 X04 014/015	50BYB01 XH:003 CD	Gy/1P Y/1P	50BAY8011	UVG4ACV		3168	A 1	H/W 607
	UNIT SPARE (ALARM NUMBER 3169)								3169	E 3	
	UNIT SPARE (ALARM NUMBER 3170)								3170	E 3	
	UNIT SPARE (ALARM NUMBER 3171)								3171	E 3	
	UNIT SPARE (ALARM NUMBER 3172)								3172	E 3	
	UNIT SPARE (ALARM NUMBER 3173)								3173	E 3	
	UNIT SPARE (ALARM NUMBER 3174)								3174	E 3	
	UNIT SPARE (ALARM NUMBER 3175)								3175	E 3	
	UNIT SPARE (ALARM NUMBER 3176)								3176	E 3	
	UNIT SPARE (ALARM NUMBER 3177)								3177	E 3	
	UNIT SPARE (ALARM NUMBER 3178)								3178	E 3	
	UNIT SPARE (ALARM NUMBER 3179)								3179	E 3	
	UNIT SPARE (ALARM NUMBER 3180)								3180	E 3	
	UNIT SPARE (ALARM NUMBER 3181)								3181	E 3	
	UNIT SPARE (ALARM NUMBER 3182)								3182	E 3	
	UNIT SPARE (ALARM NUMBER 3183)								3183	E 3	
	UNIT SPARE (ALARM NUMBER 3184)								3184	E 3	

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
	UNIT SPARE (ALARM NUMBER 3185)								3185	E 3	
	UNIT SPARE (ALARM NUMBER 3186)								3186	E 3	
	UNIT SPARE (ALARM NUMBER 3187)								3187	E 3	
	UNIT SPARE (ALARM NUMBER 3188)								3188	E 3	
	UNIT SPARE (ALARM NUMBER 3189)								3189	E 3	
	UNIT SPARE (ALARM NUMBER 3190)								3190	E 3	
	UNIT SPARE (ALARM NUMBER 3191)								3191	E 3	
	UNIT SPARE (ALARM NUMBER 3192)								3192	E 3	
	UNIT SPARE (ALARM NUMBER 3193)								3193	E 3	
	UNIT SPARE (ALARM NUMBER 3194)								3194	E 3	
	UNIT SPARE (ALARM NUMBER 3195)								3195	E 3	
	UNIT SPARE (ALARM NUMBER 3196)								3196	E 3	
	UNIT SPARE (ALARM NUMBER 3197)								3197	E 3	
	UNIT SPARE (ALARM NUMBER 3198)								3198	E 3	
	UNIT SPARE (ALARM NUMBER 3199)								3199	E 3	
50BYD01 EW003 YB91	TIME PULSE ON EVERY DAY							Q 10.3		Q	
50BYD01 EW001 YB91	TIME PULSE ON EVERY MINUTE							Q 10.5		Q	
50BYD01 EW002 YB91	TIME PULSE ON EVERY HOUR							Q 10.6		Q	
50ACA10 GS201 YB92	GEN 5 400kV ISOLATOR 1	CLOSE	50BAY03 AA001 X04 023/024	50BYD01 XB:001 AB	Be/1P R/1P	50BAY8003	UVG20ACV	Q 4.0		E 3	
50ACA10 GS201 YB91	GEN 5 400kV ISOLATOR 1	OPEN	50BAY03 AA001 X04 021/022	50BYD01 XB:001 CD	Gy/1P Y/1P	50BAY8003	UVG20ACV	Q 4.1		E 3	
50ACA10 GS401 YB92	GEN 5 400kV ISOLATOR 2	CLOSE	50BAY03 AA001 X04 027/028	50BYD01 XB:001 EF	Gn/1P Bn/1P	50BAY8003	UVG20ACV	Q 4.2		E 3	
50ACA10 GS401 YB91	GEN 5 400kV ISOLATOR 2	OPEN	50BAY03 AA001 X04 025/026	50BYD01 XB:001 GH	W/1P Bk/1P	50BAY8003	UVG20ACV	Q 4.3		E 3	
50ACA10 GS101 YB92	GEN 5 400kV BREAKER	CLOSE	50BAY03 AA001 X04 029/030	50BYD01 XB:002 AB	Be/2P R/2P	50BAY8003	UVG20ACV	Q 4.4		E 3	
50ACA10 GS101 YB91	GEN 5 400kV BREAKER	OPEN	50BAY03 AA001 X04 031/032	50BYD01 XB:002 CD	Gy/2P Y/2P	50BAY8003	UVG20ACV	Q 4.5		E 3	

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50CJN00 GS001 YB92	GEN 5 FIELD BREAKER TRIP	DISABLE	50BAY03 AA001 X04 002/001	50BYD01 XB:003 AB	Be/3P R/3P	50BAY8003	UVG20ACV	Q 11.0			
50BAC00 YB92	GEN 5 22kV BREAKER	CLOSE	50BAY03 AA001 X04 004/003	50BYD01 XB:003 CD	Gy/3P Y/3P	50BAY8003	UVG20ACV	Q 11.1		Q	
50BAT10 YB93	GEN TRFR 5 TAP CHANGE	RAISE	50BAY03 AA001 X07 033/034	50BYD01 XB:004 CD	Gy/4P Y/4P	50BAY8003	UVG20ACV	Q 4.6		E 3	
50BAT10 YB94	GEN TRFR 5 TAP CHANGE	LOWER	50BAY03 AA001 X07 031/032	50BYD01 XB:004 EF	Gn/4P Bn/4P	50BAY8003	UVG20ACV	Q 4.7		E 3	
50BAT10 XB60	GEN TRFR 5 TAP CHANGER (1)		50BAY12 DA001 X01 030/021	50BYD01 XB:006 AB	Be/1P R/1P	50BAY8005	UVG8ACV	I 8.0		ES 3	
50BAT10 XB61	GEN TRFR 5 TAP CHN POSITION (2)		50BAY12 DA001 X01 028/029	50BYD01 XB:006 CD	Gy/1P Y/1P	50BAY8005	UVG8ACV	I 8.1		ES 3	
50BAT10 XB62	GEN TRFR 5 TAP CHN POSITION (4)		50BAY12 DA001 X01 026/027	50BYD01 XB:006 EF	Gn/1P Bn/1P	50BAY8005	UVG8ACV	I 8.2		ES 3	
50BAT10 XB63	GEN TRFR 5 TAP CHN POSITION (8)		50BAY12 DA001 X01 024/025	50BYD01 XB:006 GH	W/1P Bk/1P	50BAY8005	UVG8ACV	I 8.3		ES 3	
50BAT10 XB64	GEN TRFR 5 TAP CHN POSITION (10)		50BAY12 DA001 X01 022/023	50BYD01 XB:007 AB	Be/2P R/2P	50BAY8005	UVG8ACV	I 8.4		ES 3	
51BBA01 YB92	11kV UNIT BD 5A CUB01 BKR	CLOSE	51BBA01 AA001 X02 023/024	50BYD01 XB:022 AB	Be/1P R/1P	51BBA8001	UVG8ACV	Q 5.0		Q	
51BBA01 YB91	11kV UNIT BD 5A CUB01 BKR	OPEN	51BBA01 AA001 X02 025/026	50BYD01 XB:022 CD	Gy/1P Y/1P	51BBA8001	UVG8ACV	Q 5.1		Q	
51BBA03 YB92	11kV UNIT BD 5A CUB03 BKR	CLOSE	51BBA03 AA001 X02 042/043	50BYD01 XB:024 AB	Be/1P R/1P	51BBA8004	UVG8ACV	Q 5.2		Q	
51BBA03 YB91	11kV UNIT BD 5A CUB03 BKR	OPEN	51BBA03 AA001 X02 044/045	50BYD01 XB:024 CD	Gy/1P Y/1P	51BBA8004	UVG8ACV	Q 5.3		Q	
51BBA09 YB92	11kV UNIT BD 5A CUB09 BKR	CLOSE	51BBA09 AA001 X02 042/043	50BYD01 XB:026 AB	Be/1P R/1P	51BBA8005	UVG4ACV	Q 5.4		Q	
51BBA09 YB91	11kV UNIT BD 5A CUB09 BKR	OPEN	51BBA09 AA001 X02 044/045	50BYD01 XB:026 CD	Gy/1P Y/1P	51BBA8005	UVG4ACV	Q 5.5		Q	
51BBA10 YB92	11kV UNIT BD 5A CUB10 BKR	CLOSE	51BBA10 AA001 X02 035/036	50BYD01 XB:027 AB	Be/1P R/1P	51BBA8006	UVG8ACV	Q 5.6		Q	
51BBA10 YB91	11kV UNIT BD 5A CUB10 BKR	OPEN	51BBA10 AA001 X02 037/038	50BYD01 XB:027 CD	Gy/1P Y/1P	51BBA8006	UVG8ACV	Q 5.7		Q	
51BBA12 YB92	11kV UNIT BD 5A CUB12 BKR	CLOSE	51BBA12 AA001 X02 042/043	50BYD01 XB:029 AB	Be/1P R/1P	51BBA8007	UVG4ACV	Q 6.0		Q	
51BBA12 YB91	11kV UNIT BD 5A CUB12 BKR	OPEN	51BBA12 AA001 X02 044/045	50BYD01 XB:029 CD	Gy/1P Y/1P	51BBA8007	UVG4ACV	Q 6.1		Q	
51BBA05 YB92	11kV UNIT BD 5A CUB05 BKR	CLOSE	51BBA05 AA001 X02 033/034	50BYD01 XB:031 AB	Be/1P R/1P	51BBA8008	UVG4ACV	Q 6.2		Q	
51BBA05 YB91	11kV UNIT BD 5A CUB05 BKR	OPEN	51BBA05 AA001 X02 035/036	50BYD01 XB:031 CD	Gy/1P Y/1P	51BBA8008	UVG4ACV	Q 6.3		Q	
51BBA06 YB92	11kV UNIT BD 5A CUB06 BKR	CLOSE	51BBA06 AA001 X02 042/043	50BYD01 XB:033 AB	Be/1P R/1P	51BBA8009	UVG4ACV	Q 6.4		Q	
51BBA06 YB91	11kV UNIT BD 5A CUB06 BKR	OPEN	51BBA06 AA001 X02 044/045	50BYD01 XB:033 CD	Gy/1P Y/1P	51BBA8009	UVG4ACV	Q 6.5		Q	
51BBA07 YB92	11kV UNIT BD 5A CUB07 BKR	CLOSE	51BBA07 AA001 X02 042/043	50BYD01 XB:034 AB	Be/1P R/1P	51BBA8010	UVG4ACV	Q 6.6		Q	

SIGNAL KKS		DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
51BBA07	YB91	11kV UNIT BD 5A CUB07 BKR	OPEN	51BBA07 AA001 X02 044/045	50BYD01 XB:034 CD	Gy/1P Y/1P	51BBA8010	UVG4ACV	Q 6.7		Q	
51BBA08	YB92	11kV UNIT BD 5A CUB08 BKR	CLOSE	51BBA08 AA001 X02 042/043	50BYD01 XB:036 AB	Be/1P R/1P	51BBA8011	UVG4ACV	Q 7.0		Q	
51BBA08	YB91	11kV UNIT BD 5A CUB08 BKR	OPEN	51BBA08 AA001 X02 044/045	50BYD01 XB:036 CD	Gy/1P Y/1P	51BBA8011	UVG4ACV	Q 7.1		Q	
51BCA01	YB92	6.6kV SERV BD 5A CUB01 BKR	CLOSE	51BCA01 AA001 X02 023/024	50BYD01 XB:037 AB	Be/1P R/1P	51BCA8001	UVG8ACV	Q 7.2		Q	
51BCA01	YB91	6.6kV SERV BD 5A CUB01 BKR	OPEN	51BCA01 AA001 X02 025/026	50BYD01 XB:037 CD	Gy/1P Y/1P	51BCA8001	UVG8ACV	Q 7.3		Q	
51BCA02	YB92	6.6kV SERV BD 5A CUB02 BKR	CLOSE	51BCA02 AA001 X02 042/043	50BYD01 XB:039 AB	Be/1P R/1P	51BCA8003	UVG8ACV	Q 7.4		Q	
51BCA02	YB91	6.6kV SERV BD 5A CUB02 BKR	OPEN	51BCA02 AA001 X02 044/045	50BYD01 XB:039 CD	Gy/1P Y/1P	51BCA8003	UVG8ACV	Q 7.5		Q	
52BBA03	YB92	11kV UNIT BD 5B CUB03 BKR	CLOSE	52BBA03 AA001 X02 042/043	50BYD01 XB:044 AB	Be/1P R/1P	52BBA8003	UVG8ACV	Q 7.6		Q	
52BBA03	YB91	11kV UNIT BD 5B CUB03 BKR	OPEN	52BBA03 AA001 X02 044/045	50BYD01 XB:044 CD	Gy/1P Y/1P	52BBA8003	UVG8ACV	Q 7.7		Q	
52BBA05	YB92	11kV UNIT BD 5B CUB05 BKR	CLOSE	52BBA05 AA001 X02 033/034	50BYD01 XB:046 AB	Be/1P R/1P	52BBA8004	UVG4ACV	Q 8.0		Q	
52BBA05	YB91	11kV UNIT BD 5B CUB05 BKR	OPEN	52BBA05 AA001 X02 035/036	50BYD01 XB:046 CD	Gy/1P Y/1P	52BBA8004	UVG4ACV	Q 8.1		Q	
52BBA06	YB92	11kV UNIT BD 5B CUB06 BKR	CLOSE	52BBA06 AA001 X02 042/043	50BYD01 XB:047 AB	Be/1P R/1P	52BBA8005	UVG4ACV	Q 8.2		Q	
52BBA06	YB91	11kV UNIT BD 5B CUB06 BKR	OPEN	52BBA06 AA001 X02 044/045	50BYD01 XB:047 CD	Gy/1P Y/1P	52BBA8005	UVG4ACV	Q 8.3		Q	
52BBA07	YB92	11kV UNIT BD 5B CUB07 BKR	CLOSE	52BBA07 AA001 X02 042/043	50BYD01 XB:049 AB	Be/1P R/1P	52BBA8006	UVG4ACV	Q 8.4		Q	
52BBA07	YB91	11kV UNIT BD 5B CUB07 BKR	OPEN	52BBA07 AA001 X02 044/045	50BYD01 XB:049 CD	Gy/1P Y/1P	52BBA8006	UVG4ACV	Q 8.5		Q	
52BBA08	YB92	11kV UNIT BD 5B CUB08 BKR	CLOSE	52BBA08 AA001 X02 042/043	50BYD01 XB:050 AB	Be/1P R/1P	52BBA8007	UVG4ACV	Q 8.6		Q	
52BBA08	YB91	11kV UNIT BD 5B CUB08 BKR	OPEN	52BBA08 AA001 X02 044/045	50BYD01 XB:050 CD	Gy/1P Y/1P	52BBA8007	UVG4ACV	Q 8.7		Q	
52BBA09	YB92	11kV UNIT BD 5B CUB09 BKR	CLOSE	52BBA09 AA001 X02 042/043	50BYD01 XB:051 AB	Be/1P R/1P	52BBA8008	UVG4ACV	Q 9.0		Q	
52BBA09	YB91	11kV UNIT BD 5B CUB09 BKR	OPEN	52BBA09 AA001 X02 044/045	50BYD01 XB:051 CD	Gy/1P Y/1P	52BBA8008	UVG4ACV	Q 9.1		Q	
52BBA10	YB92	11kV UNIT BD 5B CUB10 BKR	CLOSE	52BBA10 AA001 X02 042/043	50BYD01 XB:052 AB	Be/1P R/1P	52BBA8009	UVG4ACV	Q 9.2		Q	
52BBA10	YB91	11kV UNIT BD 5B CUB10 BKR	OPEN	52BBA10 AA001 X02 044/045	50BYD01 XB:052 CD	Gy/1P Y/1P	52BBA8009	UVG4ACV	Q 9.3		Q	
52BBA11	YB92	11kV UNIT BD 5B CUB11 BKR	CLOSE	52BBA11 AA001 X02 042/043	50BYD01 XB:053 AB	Be/1P R/1P	52BBA8010	UVG4ACV	Q 9.4		Q	
52BBA11	YB91	11kV UNIT BD 5B CUB11 BKR	OPEN	52BBA11 AA001 X02 044/045	50BYD01 XB:053 CD	Gy/1P Y/1P	52BBA8010	UVG4ACV	Q 9.5		Q	
52BBA12	YB92	11kV UNIT BD 5B CUB12 BKR	CLOSE	52BBA12 AA001 X02 042/043	50BYD01 XB:054 AB	Be/1P R/1P	52BBA8011	UVG4ACV	Q 9.6		Q	

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
52BBA12 YB91	11kV UNIT BD 5B CUB12 BKR	OPEN	52BBA12 AA001 X02 044/045	50BYD01 XB:054 CD	Gy/1P Y/1P	52BBA8011	UVG4ACV	Q 9.7		Q	
52BCA01 YB92	6.6kV SERV BD 5B CUB01 BKR	CLOSE	52BCA01 AA001 X02 042/043	50BYD01 XB:055 AB	Be/1P R/1P	52BCA8001	UVG8ACV	Q 10.0		Q	
52BCA01 YB91	6.6kV SERV BD 5B CUB01 BKR	OPEN	52BCA01 AA001 X02 044/045	50BYD01 XB:055 CD	Gy/1P Y/1P	52BCA8001	UVG8ACV	Q 10.1		Q	
50MKA10 YB92	GEN 5 SYNCHRONISED ROOF LIGHT	SYNCH	50BLA03 CA001 X07 001/002	50BYD01 XB:065 AB	Be/1P R/1P	50BLA8002	UVG4ACV	Q 10.4		E 3	
50CJN00 GS001 YB91	GEN 5 FIELD BREAKER CLOSE	RELEASE	50CJN03 WA002 : 060/061	50BYD01 XB:075 AB	Be/1P R/1P	50BAY8012	UVG8ACV	Q 11.2			
50CJN00 YB92	GEN 5 FIELD BREAKER	CLOSE	50CJN03 WA002 : 068/069	50BYD01 XB:075 CD	Gy/1P Y/1P	50BAY8012	UVG8ACV	Q 11.3		Q	
50CJN00 XB51	GEN 5 F/BKR CLOSE FROM GAS/TURB	INLOCK	50CJN03 WA002 : 064/065	50BYD01 XB:076 CD	Gy/2P Y/2P	50BAY8012	UVG8ACV	I 18.5			
51BBA00 XQ54	11kV UNIT BD 5A BB VOLTS	0-5mA 0-11kV	51BBA01 AA001 X02 013/014	50BYD01 XE:002 AB	Be/1P R/1P	51BBA8012	UVG4ACV	PW 166		Q	
52BBA00 XQ54	11kV UNIT BD 5B BB VOLTS	0-5mA 0-11kV	51BBA01 AA001 X02 015/016	50BYD01 XE:002 CD	Gy/1P Y/1P	51BBA8012	UVG4ACV	PW 168		Q	
51BBA03 XQ52	11kV UNIT BD 5A CUB03 AMPS	0-5mA 0-4000A	51BBA03 AA001 X02 022/023	50BYD01 XE:003 AB	Be/1P R/1P	51BBA8014	UVG4ACV	PW 170		Q	
51BBA10 XQ52	11kV UNIT BD 5A CUB10 AMPS	0-5mA 0-2000A	51BBA10 AA001 X02 015/016	50BYD01 XE:004 AB	Be/1P R/1P	51BBA8018	UVG4ACV	PW 172		Q	
51BCA00 XQ54	6.6kV SERV BD 5A BB VOLTS	0-5mA 0-6.6kV	51BCA01 AA001 X02 013/014	50BYD01 XE:005 AB	Be/1P R/1P	51BCA8004	UVG4ACV	PW 174		Q	
52BCA00 XQ54	6.6kV SERV BD 5B BB VOLTS	0-5mA 0-6.6kV	51BCA01 AA001 X02 015/016	50BYD01 XE:005 CD	Gy/1P Y/1P	51BCA8004	UVG4ACV	PW 176		Q	
51BCA02 XQ52	6.6kV SERV BD 5A CUB02 AMPS	0-5mA 0-2500A	51BCA02 AA001 X02 020/021	50BYD01 XE:006 AB	Be/1P R/1P	51BCA8005	UVG4ACV	PW 178		Q	
52BBA03 XQ52	11kV UNIT BD 5B CUB03 AMPS	0-5mA 0-4000A	52BBA03 AA001 X02 022/023	50BYD01 XE:007 AB	Be/1P R/1P	52BBA8013	UVG4ACV	PW 180		Q	
52BCA01 XQ52	6.6kV SERV BD 5B CUB01 AMPS	0-5mA 0-2500A	52BCA01 AA001 X02 020/021	50BYD01 XE:008 AB	Be/1P R/1P	52BCA8002	UVG4ACV	PW 182		Q	
50MKA10 XQ55	GEN 5 MW	0-5mA 0-880MW	50BYA01 AA001 X51 001/002	50BYD01 XW:001 AB	W Be	50BYA8001	TVH20BR	PW 132		Q	
50MKA10 XQ56	GEN 5 MVAR	0-5mA 0-440MVr	50BYA01 AA001 X51 007/008	50BYD01 XW:001 CD	W O	50BYA8001	TVH20BR	PW 134		Q	
50MKA10 XQ51	GEN 5 RED PHASE AMPS	0-5mA 0-22kA	50BYA01 AA001 X51 015/016	50BYD01 XW:001 EF	W Gn	50BYA8001	TVH20BR	PW 136		Q	
50MKA10 XQ52	GEN 5 WHITE PHASE AMPS	0-5mA 0-22kA	50BYA01 AA001 X51 019/020	50BYD01 XW:001 GH	W Bn	50BYA8001	TVH20BR	PW 138		Q	
50MKA10 XQ53	GEN 5 BLUE PHASE AMPS	0-5mA 0-22kA	50BYA01 AA001 X51 025/026	50BYD01 XW:001 IK	W Gy	50BYA8001	TVH20BR	PW 140		Q	
50MKA10 XQ62	GEN 5 VOLTS	0-5mA 0-22kV	50BYA01 AA001 X51 029/030	50BYD01 XW:002 AB	R Be	50BYA8001	TVH20BR	PW 142		Q	
50MKA10 XQ54	GEN 5 FREQUENCY	0-5mA 45-55Hz	50BYA01 AA001 X51 037/038	50BYD01 XW:002 CD	R O	50BYA8001	TVH20BR	PW 144		Q	
50MKA10 XQ61	GEN 5 POWER FACTOR	0-5mA 0-1-0	50BYA01 AA001 X51 041/042	50BYD01 XW:002 EF	R Gn	50BYA8001	TVH20BR	PW 146		Q	

SIGNAL KKS	DESCRIPTION OF SIGNAL	ALARM STATUS	REMOTE SIDE FIELD TERMINATION	LOCAL SIDE PLC TERMINATION	COLOUR CODING	CABLE NUMBER	CABLE SIZE	CH. No. IN/OUTP	ALARM NUMBER	SIGNAL TYPE	DATA BIT
50BBT10 GT100 XQ55	UNIT TRFR 5A HV SIDE MW	0-5mA 0-80MW	50BYA01 AA001 X59 001/002	50BYD01 XW:002 GH	R Bn	50BYA8001	TVH20BR	PW 148		Q	
50BBT10 GT100 XQ56	UNIT TRFR 5A HV SIDE MVAR	0-5mA 0-40MVAr	50BYA01 AA001 X59 003/004	50BYD01 XW:002 IK	R Gy	50BYA8001	TVH20BR	PW 150		Q	
50BBT10 GT100 XQ52	UNIT TRFR 5A HV SIDE AMPS	0-5mA 0-2000A	50BYA01 AA001 X59 007/008	50BYD01 XW:003 AB	Bk Be	50BYA8001	TVH20BR	PW 152		Q	
50BBT10 GT100 XQ54	UNIT TRFR 5A & B HV SIDE VOLTS	0-5mA 0-22kV	50BYA01 AA001 X59 013/014	50BYD01 XW:003 CD	Bk O	50BYA8001	TVH20BR	PW 154		Q	
50BBT20 GT100 XQ55	UNIT TRFR 5B HV SIDE MW	0-5mA 0-80MW	50BYA01 AA001 X59 017/018	50BYD01 XW:003 EF	Bk Gn	50BYA8001	TVH20BR	PW 156		Q	
50BBT20 GT100 XQ56	UNIT TRFR 5B HV SIDE MVAR	0-5mA 0-40MVAr	50BYA01 AA001 X59 019/010	50BYD01 XW:003 GH	Bk Bn	50BYA8001	TVH20BR	PW 158		Q	
50BBT20 GT100 XQ52	UNIT TRFR 5B HV SIDE AMPS	0-5mA 0-2000A	50BYA01 AA001 X59 023/024	50BYD01 XW:003 IK	Bk Gy	50BYA8001	TVH20BR	PW 160		Q	
50BDE01 XQ55	3.3kV U/DIESEL GEN 5 kW	0-5mA 0-1,5MW	50BYA01 AA001 X58 001/002	50BYD01 XW:004 AB	Y Be	50BYA8001	TVH20BR	PW 162		Q	
50BDE01 XQ56	3.3kV U/DIESEL GEN 5 kVAR	0-5mA 750KVAr	50BYA01 AA001 X58 003/004	50BYD01 XW:004 CD	Y O	50BYA8001	TVH20BR	PW 164		Q	
50BDE01 XQ52	3.3kV U/DIESEL GEN5 LV SIDE AMPS	0-5mA 0-2.5kA	50BYA01 AA001 X58 005/006	50BYD01 XW:004 EF	Y Gn	50BYA8001	TVH20BR	PW 128		Q	
50BMA00 XQ54	380V U/DIESEL GEN BD 5 BB VOLTS	0-5mA 0-400V	50BYA01 AA001 X58 007/008	50BYD01 XW:004 GH	Y Bn	50BYA8001	TVH20BR	PW 130		Q	
50BBA10 XQ55	UNIT 5 LOOP SUPPLY MW	0-5mA 0-40MW	50BYA01 AA001 X60 001/002	50BYD01 XW:004 IK	Y Gy	50BYA8001	TVH20BR	PW 184		Q	