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
10BYD01 XW51	UNIT 1 SAT PLC COOLING FAN/BATT	FAULT NORMAL						I8 6	1	A 1	S/W 0 D 1 00
10BYD01 XW02	UNIT 1 SAT PLC MCB TRIPPED	ALARM NORMAL						I 8 7	2	A 1	S/W 1 D 1 01
10BBA10 EG012 XQ52	11kV UNIT BD 1A LOOP SUPPLY AMPS	> 1900 A < 1900 A							3	A 1	S/W 2 D 1 02
11BCA02 EG012 XQ52	6 6kV SERV BD 1A INCOMER AMPS	> 2200 A < 2200 A							4	A 1	S/W 3 D 1 03
12BCA02 EG012 XQ52	6 6kV SERV BD 1B INCOMER AMPS	> 2200 A < 2200 A							5	A 1	S/W 4 D 1 04
10MKA10 EG010 XW54	GEN 1 UNDER/OVER FREQENCY	DETECTED NORMAL							6	A 1	S/W 5 D 1 05
10BAT10 EG001 XB60	GEN TRFR 1 TAP CHANGER	ACTIVE COMPLETE							7	A 2	S/W 6 D 1 06
10BYD01 XW00	UNIT 1 PLC	STOPPED RUN							8	A 1	S/W 7 D 1 07
10BYD01 EG001 XW00	UNIT 1 H1 LINK TO HV CO-ORD	DISCONN ONLINE							9	A 1	S/W 8 D 1 08
10BYD01 EG002 XW00	UNIT 1 H1 LINK TO UNIT CO-ORD	DISCONN ONLINE							10	A 1	S/W 9 D 1 09
10BYD01 EG003 XW00	UNIT 1 H1 LINK TO STN CO-ORD	DISCONN ONLINE							11	A 1	S/W 10 D 1 10
10BYD01 EG004 XW00	UNIT 1 H1 LINK TO HVY PLC	DISCONN ONLINE							12	A 1	S/W 11 D 1 11
10BYD01 EG005 XW00	UNIT 1 H1 LINK TO SSB PLC	DISCONN ONLINE							13	A 1	S/W 12 D 1 12
10BYD01 EG006 XW00	UNIT 1 H1 LINK T0 GAS TURBINE	DISCONN ONLINE							14	A 1	S/W 13 D 1 13
10BYD01 EG007 XW00	UNIT 1 H1 LINK TO UNIT 3 PLC	DISCONN ONLINE							15	A 1	S/W 14 D 1 14
10BYD01 EG008 XW00	UNIT 1 H1 LINK TO UNIT 5 PLC	DISCONN ONLINE							16	A 1	S/W 15 D 1 15
11BBA01 XW88	11kV UNIT BD 1A CUB01 BKR OPEN	FAIL NORMAL							17	A 2	S/W 16 D 2 00
11BBA01 XW89	11kV UNIT BD 1A CUB01 BKR CLOSE	FAIL NORMAL							18	A 2	S/W 17 D 2 01
11BBA03 XW88	11kV UNIT BD 1A CUB03 BKR OPEN	FAIL NORMAL							19	A 2	S/W 18 D 2 02
11BBA03 XW89	11kV UNIT BD 1A CUB03 BKR CLOSE	FAIL NORMAL							20	A 2	S/W 19 D 2 03
11BBA05 XW88	11kV UNIT BD 1A CUB05 BKR OPEN	FAIL NORMAL							21	A 2	S/W 20 D 2 04
11BBA05 XW89	11kV UNIT BD 1A CUB05 BKR CLOSE	FAIL NORMAL							22	A 2	S/W 21 D 2 05
11BBA06 XW88	11kV UNIT BD 1A CUB06 BKR OPEN	FAIL NORMAL							23	A 2	S/W 22 D 2 06
11BBA06 XW89	11kV UNIT BD 1A CUB06 BKR CLOSE	FAIL NORMAL							24	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
11BBA07	XW88	11kV UNIT BD 1A CUB07 BKR OPEN	FAIL NORMAL							25	A 2	S/W 24 D 2 08
11BBA07	XW89	11kV UNIT BD 1A CUB07 BKR CLOSE	FAIL NORMAL							26	A 2	S/W 25 D 2 09
11BBA08	XW88	11kV UNIT BD 1A CUB08 BKR OPEN	FAIL NORMAL							27	A 2	S/W 26 D 2 10
11BBA08	XW89	11kV UNIT BD 1A CUB08 BKR CLOSE	FAIL NORMAL							28	A 2	S/W 27 D 2 11
11BBA09	XW88	11kV UNIT BD 1A CUB09 BKR OPEN	FAIL NORMAL							29	A 2	S/W 28 D 2 12
11BBA09	XW89	11kV UNIT BD 1A CUB09 BKR CLOSE	FAIL NORMAL							30	A 2	S/W 29 D 2 13
11BBA10	XW88	11kV UNIT BD 1A CUB10 BKR OPEN	FAIL NORMAL							31	A 2	S/W 30 D 2 14
11BBA10	XW89	11kV UNIT BD 1A CUB10 BKR CLOSE	FAIL NORMAL							32	A 2	S/W 31 D 2 15
		UNIT 1 SPARE (ALARM NUMBER 0033)								33	E 3	S/W 32 D 3 00
		UNIT 1 SPARE (ALARM NUMBER 0034)								34	E 3	S/W 33 D 3 01
11BBA12	XW88	11kV UNIT BD 1A CUB12 BKR OPEN	FAIL NORMAL							35	A 2	S/W 34 D 3 02
11BBA12	XW89	11kV UNIT BD 1A CUB12 BKR CLOSE	FAIL NORMAL							36	A 2	S/W 35 D 3 03
11BCA01	XW88	6 6kV SERV BD 1A CUB01 BKR OPEN	FAIL NORMAL							37	A 2	S/W 36 D 3 04
11BCA01	XW89	6 6kV SERV BD 1A CUB01 BKR CLOSE	FAIL NORMAL							38	A 2	S/W 37 D 3 05
11BCA02	XW88	6 6kV SERV BD 1A CUB02 BKR OPEN	FAIL NORMAL							39	A 2	S/W 38 D 3 06
11BCA02	XW89	6 6kV SERV BD 1A CUB02 BKR CLOSE	FAIL NORMAL							40	A 2	S/W 39 D 3 07
		UNIT 1 SPARE (ALARM NUMBER 0041)								41	E 3	S/W 40 D 3 08
		UNIT 1 SPARE (ALARM NUMBER 0042)								42	E 3	S/W 41 D 3 09
10CJN00	XW88	GEN 1 FIELD BREAKER OPEN	FAIL NORMAL							43	A 2	S/W 42 D 3 10
10CJN00	XW89	GEN 1 FIELD BREAKER CLOSE	FAIL NORMAL							44	A 2	S/W 43 D 3 11
		UNIT 1 SPARE (ALARM NUMBER 0045)								45	E 3	S/W 44 D 3 12
		UNIT 1 SPARE (ALARM NUMBER 0046)								46	E 3	S/W 45 D 3 13
		UNIT 1 SPARE (ALARM NUMBER 0047)								47	E 3	S/W 46 D 3 14
		UNIT 1 SPARE (ALARM NUMBER 0048)								48	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
12BBA03 XW88	11kV UNIT BD 1B CUB03 BKR OPEN	FAIL NORMAL							49	A 2	S/W 48 D 4 00
12BBA03 XW89	11kV UNIT BD 1B CUB03 BKR CLOSE	FAIL NORMAL							50	A 2	S/W 49 D 4 01
12BBA05 XW88	11kV UNIT BD 1B CUB05 BKR OPEN	FAIL NORMAL							51	A 2	S/W 50 D 4 02
12BBA05 XW89	11kV UNIT BD 1B CUB05 BKR CLOSE	FAIL NORMAL							52	A 2	S/W 51 D 4 03
12BBA06 XW88	11kV UNIT BD 1B CUB06 BKR OPEN	FAIL NORMAL							53	A 2	S/W 52 D 4 04
12BBA06 XW89	11kV UNIT BD 1B CUB06 BKR CLOSE	FAIL NORMAL							54	A 2	S/W 53 D 4 05
12BBA07 XW88	11kV UNIT BD 1B CUB07 BKR OPEN	FAIL NORMAL							55	A 2	S/W 54 D 4 06
12BBA07 XW89	11kV UNIT BD 1B CUB07 BKR CLOSE	FAIL NORMAL							56	A 2	S/W 55 D 4 07
12BBA08 XW88	11kV UNIT BD 1B CUB08 BKR OPEN	FAIL NORMAL							57	A 2	S/W 56 D 4 08
12BBA08 XW89	11kV UNIT BD 1B CUB08 BKR CLOSE	FAIL NORMAL							58	A 2	S/W 57 D 4 09
12BBA09 XW88	11kV UNIT BD 1B CUB09 BKR OPEN	FAIL NORMAL							59	A 2	S/W 58 D 4 10
12BBA09 XW89	11kV UNIT BD 1B CUB09 BKR CLOSE	FAIL NORMAL							60	A 2	S/W 59 D 4 11
12BBA10 XW88	11kV UNIT BD 1B CUB10 BKR OPEN	FAIL NORMAL							61	A 2	S/W 60 D 4 12
12BBA10 XW89	11kV UNIT BD 1B CUB10 BKR CLOSE	FAIL NORMAL							62	A 2	S/W 61 D 4 13
12BBA11 XW88	11kV UNIT BD 1B CUB11 BKR OPEN	FAIL NORMAL							63	A 2	S/W 62 D 4 14
12BBA11 XW89	11kV UNIT BD 1B CUB11 BKR CLOSE	FAIL NORMAL							64	A 2	S/W 63 D 4 15
12BBA12 XW88	11kV UNIT BD 1B CUB12 BKR OPEN	FAIL NORMAL							65	A 2	S/W 64 D 5 00
12BBA12 XW89	11kV UNIT BD 1B CUB12 BKR CLOSE	FAIL NORMAL							66	A 2	S/W 65 D 5 01
	UNIT 1 SPARE (ALARM NUMBER 0067)								67	E 3	S/W 66 D 5 02
	UNIT 1 SPARE (ALARM NUMBER 0068)								68	E 3	S/W 67 D 5 03
12BCA01 XW88	6 6kV SERV BD 1B CUB01 BKR OPEN	FAIL NORMAL							69	A 2	S/W 68 D 5 04
12BCA01 XW89	6 6kV SERV BD 1B CUB01 BKR CLOSE	FAIL NORMAL							70	A 2	S/W 69 D 5 05
	UNIT 1 SPARE (ALARM NUMBER 0071)								71	E 3	S/W 70 D 5 06
	UNIT 1 SPARE (ALARM NUMBER 0072)								72	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
10BCA00 XW88	GEN 1 22kV BREAKER OPEN	FAIL NORMAL							73	A 2	S/W 72 D 5 08
10BCA00 XW89	GEN 1 22kV BREAKER CLOSE	FAIL NORMAL							74	A 2	S/W 73 D 5 09
10BCA00 XW22	GEN 1 22kV BREAKER	ANTIVAL CLEARED							75	A 2	S/W 74 D 5 10
	UNIT 1 SPARE (ALARM NUMBER 0076)								76	E 3	S/W 75 D 5 11
10ACA00 GS101 XW88	GEN 1 400kV BREAKER OPEN	FAIL NORMAL							77	A 2	S/W 76 D 5 12
10ACA00 GS101 XW89	GEN 1 400kV BREAKER CLOSE	FAIL NORMAL							78	A 2	S/W 77 D 5 13
10ACA00 GS101 XW22	GEN 1 400kV BREAKER	ANTIVAL CLEARED							79	A 2	S/W 78 D 5 14
	UNIT 1 SPARE (ALARM NUMBER 0080)								80	E 3	S/W 79 D 5 15
10ACA00 GS101 XW88	GEN 1 400kV BUSBAR 1 LINKS OPEN	FAIL NORMAL							81	A 2	S/W 80 D 6 00
10ACA00 GS101 XW89	GEN 1 400kV BUSBAR 1 LINKS CLOSE	FAIL NORMAL							82	A 2	S/W 81 D 6 01
10ACA00 GS101 XW22	GEN 1 400kV BUSBAR 1 LINKS	ANTIVAL CLEARED							83	A 2	S/W 82 D 6 02
	UNIT 1 SPARE (ALARM NUMBER 0084)								84	E 3	S/W 83 D 6 03
10ACA00 GS101 XW88	GEN 1 400kV BUSBAR 1 LINKS OPEN	FAIL NORMAL							85	A 2	S/W 84 D 6 04
10ACA00 GS101 XW89	GEN 1 400kV BUSBAR 1 LINKS CLOSE	FAIL NORMAL							86	A 2	S/W 85 D 6 05
10ACA00 GS101 XW22	GEN 1 400kV BUSBAR 1 LINKS	ANTIVAL CLEARED							87	A 2	S/W 86 D 6 06
	UNIT 1 SPARE (ALARM NUMBER 0088)								88	E 3	S/W 87 D 6 07
10BYD01 EG009 XW00	UNIT 1 H1 LINK TO HVY PLC	OFFLINE ONLINE							89	A 2	S/W 88 D 6 08
10BYD01 EG010 XW00	UNIT 1 H1 LINK TO SSB PLC	OFFLINE ONLINE							90	A 2	S/W 89 D 6 09
10BYD01 EG011 XW00	UNIT 1 H1 LINK TO GAS TURBINE	OFFLINE ONLINE							91	A 2	S/W 90 D 6 10
10BYD01 EG012 XW00	UNIT 1 H1 LINK TO UNIT 3 PLC	OFFLINE ONLINE							92	A 2	S/W 91 D 6 11
10BYD01 EG013 XW00	UNIT 1 H1 LINK TO UNIT 5 PLC	OFFLINE ONLINE							93	A 2	S/W 92 D 6 12
	UNIT 1 SPARE (ALARM NUMBER 0094)								94	E 3	S/W 93 D 6 13
	UNIT 1 SPARE (ALARM NUMBER 0095)								95	E 3	S/W 94 D 6 14
	UNIT 1 SPARE (ALARM NUMBER 0096)								96		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
10BYD01 EW001 XW00	UNIT 1 E490 MODULE	FAULT							97	E 3	Vir 096
10BYD01 EW002 XW00	UNIT 1 E490 MESSAGE MEMORY	FULL							98	E 3	Vir 097
10BYD01 EW003 XW00	UNIT 1 E490 POWER	FAILED							99	E 3	Vir 098
10BYD01 EW004 XW00	UNIT 1 E490 POWER	NORMAL							100	E 3	Vir 099
10BYD01 EW005 XW00	UNIT 1 E490 AUTOMATIC TEST	FAILED							101	E 3	Vir 100
10BYD01 EW006 XW00	UNIT 1 E490 DATE/TIME	UPDATED							102	E 3	Vir 101
10BYD01 EW007 XW00	UNIT 1 E490 UNIT	FAILED							103	E 3	Vir 102
10BYD01 EW008 XW00	UNIT 1 E490 UNIT	NORMAL							104	E 3	Vir 103
10BYD01 EW009 XW00	UNIT 1 E490 SYNCHRONISATION	FAILED							105	E 3	Vir 104
10BYD01 EW010 XW00	UNIT 1 E490 SYNCHRONISATION	NORMAL							106	E 3	Vir 105
	UNIT 1 SPARE (ALARM NUMBER 0107)								107	E 3	Vir 106
	UNIT 1 SPARE (ALARM NUMBER 0108)								108	E 3	Vir 107
	UNIT 1 SPARE (ALARM NUMBER 0109)								109	E 3	Vir 108
	UNIT 1 SPARE (ALARM NUMBER 0110)								110	E 3	Vir 109
	UNIT 1 SPARE (ALARM NUMBER 0111)								111	E 3	Vir 110
	UNIT 1 SPARE (ALARM NUMBER 0112)								112	E 3	Vir 111
	UNIT 1 SPARE (ALARM NUMBER 0113)								113	E 3	Vir 112
	UNIT 1 SPARE (ALARM NUMBER 0114)								114	E 3	Vir 113
	UNIT 1 SPARE (ALARM NUMBER 0115)								115	E 3	Vir 114
	UNIT 1 SPARE (ALARM NUMBER 0116)								116	E 3	Vir 115
	UNIT 1 SPARE (ALARM NUMBER 0117)								117	E 3	Vir 116
	UNIT 1 SPARE (ALARM NUMBER 0118)								118	E 3	Vir 117
	UNIT 1 SPARE (ALARM NUMBER 0119)								119	E 3	Vir 118
	UNIT 1 SPARE (ALARM NUMBER 0120)								120	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 1 SPARE (ALARM NUMBER 0121)								121	E 3	Vir 120
	UNIT 1 SPARE (ALARM NUMBER 0122)								122	E 3	Vir 121
	UNIT 1 SPARE (ALARM NUMBER 0123)								123	E 3	Vir 122
	UNIT 1 SPARE (ALARM NUMBER 0124)								124	E 3	Vir 123
	UNIT 1 SPARE (ALARM NUMBER 0125)								125	E 3	Vir 124
	UNIT 1 SPARE (ALARM NUMBER 0126)								126	E 3	Vir 125
	UNIT 1 SPARE (ALARM NUMBER 0127)								127	E 3	Vir 126
	UNIT 1 SPARE (ALARM NUMBER 0128)								128	E 3	Vir 127
	UNIT 1 SPARE (ALARM NUMBER 0129)								129	E 3	H/W 128
10BAW00 XB01	GEN 1 22kV EARTH SWITCH	OFF ON	10BAY10 AA001 X1 31/X3 32	10BYD01 XB 067 AB	Be/1P R/1P	10BAY8004	UVG4ACV	I 9 3	130	ES 3	H/W 129
10BAC00 XB51	GEN 1 22kV BREAKER	LOC/OFF REMOTE	10BAY30 AA001 X03 039/040	10BYD01 XB 008 GH	W/1P Bk/1P	10BAY8010	UVG4ACV	I 9 2	131	ES 2	H/W 130
10BDE03 EW003 XB01	3 3kV U1 D/GEN BD CUB03 ISOLATOR	CLOSED OPENED	10BDE03 AA001 X03 020/021	10BYD01 XB 011 CD	Gy/1P Y/1P	10BDE8002	UVG4ACV	I 16 0	132	ES 3	H/W 131
10BFF01 XB01	380V U1 FLY ASH BUNK BD CUB 01	OPENED CLOSED	10BFF01 AA001 X05 128/129	10BYD01 XB 068 EF	Gn/1P Bn/1P	10BFF8003	UVG4ACV	I 6 6	133	ES 3	H/W 132
10BAC00 XB02	GEN 1 22kV BREAKER	CLOSED NotCLOSE	10BAY30 AA001 X04 048/049	10BYD01 XB 008 AB	Be/1P R/1P	10BAY8010	UVG4ACV	I 9 0	134	ES 3	H/W 133
10BAC00 XB01	GEN 1 22kV BREAKER	OPENED Not OPEN	10BAY30 AA001 X04 068/069	10BYD01 XB 008 CD	Gy/1P Y/1P	10BAY8010	UVG4ACV	I 9 1	135	ES 3	H/W 134
10BDE01 EW001 XB01	3 3kV U/DIESEL BD CUB01 BKR	OPENED CLOSED	10BDE01 AA001 X02 041/042	10BYD01 XB 010 EF	Gn/1P Bn/1P	10BDE8001	UVG4ACV	I 4 0	136	ES 3	H/W 135
10BDE03 EW001 XB01	3 3kV U1 D/GEN BD CUB03 BKR	OPENED CLOSED	10BDE03 AA001 X02 045/046	10BYD01 XB 011 EF	Gn/1P Bn/1P	10BDE8002	UVG4ACV	I 4 1	137	ES 3	H/W 136
10BFB01 XB01	380V UNIT STANDBY BD 1 CUB01 BKR	OPENED CLOSED	10BFB01 AA001 X05 128/129	10BYD01 XB 012 EF	Gn/1P Bn/1P	10BFB8001	UVG4ACV	I 4 2	138	ES 3	H/W 137
10BFB06 XB01	380V UNIT STANDBY BD 1 CUB06 BKR	OPENED CLOSED	10BFB06 AA001 X05 128/129	10BYD01 XB 013 EF	Gn/1P Bn/1P	10BFB8002	UVG4ACV	I 4 7	139	ES 3	H/W 138
10BFB02 XB01	380V UNIT STANDBY BD 1 CUB02 BKR	OPENED CLOSED	10BFB02 AA001 X05 128/129	10BYD01 XB 014 EF	Gn/1P Bn/1P	10BFB8003	UVG4ACV	I 4 3	140	ES 3	H/W 139
10BFB03 XB01	380V UNIT STANDBY BD 1 CUB03 BKR	OPENED CLOSED	10BFB03 AA001 X05 128/129	10BYD01 XB 015 EF	Gn/1P Bn/1P	10BFB8004	UVG4ACV	I 4 4	141	ES 3	H/W 140
10BFB04 XB01	380V UNIT STANDBY BD 1 CUB04 BKR	OPENED CLOSED	10BFB04 AA001 X05 128/129	10BYD01 XB 016 EF	Gn/1P Bn/1P	10BFB8005	UVG4ACV	I 4 5	142	ES 3	H/W 141
10BFB05 XB01	380V UNIT STANDBY BD 1 CUB05 BKR	OPENED CLOSED	10BFB05 AA001 X05 128/129	10BYD01 XB 017 EF	Gn/1P Bn/1P	10BFB8006	UVG4ACV	I 4 6	143	ES 3	H/W 142
10BMA12 XB01	380V U/DIESEL GEN BD 1 CUB12 BKR	OPENED CLOSED	10BMA12 AA001 X05 120/121	10BYD01 XB 018 EF	Gn/1P Bn/1P	10BMA8001	UVG4ACV	I 5 0	144	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
10BMA13 XB01	380V U/DIESEL GEN BD 1 CUB13 BKR	OPENED CLOSED	10BMA13 AA001 X05 120/121	10BYD01 XB 019 EF	Gn/1P Bn/1P	10BMA8002	UVG4ACV	I 5 1	145	ES 3	H/W 144
10BMA14 XB01	380V U/DIESEL GEN BD 1 CUB14 BKR	OPENED CLOSED	10BMA14 AA001 X05 120/121	10BYD01 XB 020 EF	Gn/1P Bn/1P	10BMA8003	UVG4ACV	I 5 2	146	ES 3	H/W 145
10BMA15 XB01	380V U/DIESEL GEN BD 1 CUB15 BKR	OPENED CLOSED	10BMA15 AA001 X05 120/121	10BYD01 XB 021 EF	Gn/1P Bn/1P	10BMA8004	UVG4ACV	I 5 3	147	ES 3	H/W 146
11BBA01 XB01	11kV UNIT BD 1A CUBO1 BKR	OPENED CLOSED	11BBA01 AA001 X02 043/044	10BYD01 XB 022 EF	Gn/1P Bn/1P	11BBA8001	UVG8ACV	I 10 0	148	ES 3	H/W 147
11BBA01 XB51	11kV UNIT BD 1A CUB01	LOC/OFF REMOTE	11BBA01 AA001 X02 054/055	10BYD01 XB 022 GH	W/1P Bk/1P	11BBA8001	UVG8ACV	I 10 1	149	ES 2	H/W 148
11BBA03 EW001 XB01	11kV UNIT BD 1A CUBO3 BKR	OPENED CLOSED	11BBA03 AA001 X03 003/004	10BYD01 XB 024 EF	Gn/1P Bn/1P	11BBA8004	UVG8ACV	I 10 2	150	ES 3	H/W 149
11BBA03 XB51	11kV UNIT BD 1A CUB03	LOC/OFF REMOTE	11BBA03 AA001 X03 014/015	10BYD01 XB 024 GH	W/1P Bk/1P	11BBA8004	UVG8ACV	I 10 3	151	ES 2	H/W 150
11BBA09 XB01	11kV UNIT BD 1A CUBO9 BKR	OPENED CLOSED	11BBA09 AA001 X03 003/004	10BYD01 XB 026 EF	Gn/1P Bn/1P	11BBA8005	UVG4ACV	I 11 4	152	ES 3	H/W 151
11BBA09 XB51	11kV UNIT BD 1A CUB09	LOC/OFF REMOTE	11BBA09 AA001 X03 014/015	10BYD01 XB 026 GH	W/1P Bk/1P	11BBA8005	UVG4ACV	I 11 5	153	ES 2	H/W 152
11BBA10 EW001 XB01	11kV UNIT BD 1A CUB10 BKR	OPENED CLOSED	11BBA10 AA001 X02 055/056	10BYD01 XB 027 EF	Gn/1P Bn/1P	11BBA8006	UVG8ACV	I 11 6	154	ES 3	H/W 153
11BBA10 XB51	11kV UNIT BD 1A CUB10	LOC/OFF REMOTE	11BBA10 AA001 X03 006/007	10BYD01 XB 027 GH	W/1P Bk/1P	11BBA8006	UVG8ACV	I 11 7	155	ES 2	H/W 154
11BBA12 XB01	11kV UNIT BD 1A CUB12 BKR	OPENED CLOSED	11BBA12 AA001 X03 003/004	10BYD01 XB 029 EF	Gn/1P Bn/1P	11BBA8007	UVG4ACV	I 12 0	156	ES 3	H/W 155
11BBA12 XB51	11kV UNIT BD 1A CUB12	LOC/OFF REMOTE	11BBA12 AA001 X03 014/015	10BYD01 XB 029 GH	W/1P Bk/1P	11BBA8007	UVG4ACV	I 12 1	157	ES 2	H/W 156
11BBA05 XB01	11kV UNIT BD 1A CUBO5 BKR	OPENED CLOSED	11BBA05 AA001 X02 053/054	10BYD01 XB 031 EF	Gn/1P Bn/1P	11BBA8008	UVG4ACV	I 10 4	158	ES 3	H/W 157
11BBA05 XB51	11kV UNIT BD 1A CUB05	LOC/OFF REMOTE	11BBA05 AA001 X03 006/007	10BYD01 XB 031 GH	W/1P Bk/1P	11BBA8008	UVG4ACV	I 10 5	159	ES 2	H/W 158
11BBA06 XB01	11kV UNIT BD 1A CUBO6 BKR	OPENED CLOSED	11BBA06 AA001 X03 003/004	10BYD01 XB 033 EF	Gn/1P Bn/1P	11BBA8009	UVG4ACV	I 10 6	160	ES 3	H/W 159
11BBA06 XB51	11kV UNIT BD 1A CUB06	LOC/OFF REMOTE	11BBA06 AA001 X03 014/015	10BYD01 XB 033 GH	W/1P Bk/1P	11BBA8009	UVG4ACV	I 10 7	161	ES 2	H/W 160
11BBA07 XB01	11kV UNIT BD 1A CUBO7 BKR	OPENED CLOSED	11BBA07 AA001 X03 003/004	10BYD01 XB 034 EF	Gn/1P Bn/1P	11BBA8010	UVG4ACV	I 11 0	162	ES 3	H/W 161
11BBA07 XB51	11kV UNIT BD 1A CUB07	LOC/OFF REMOTE	11BBA07 AA001 X03 014/015	10BYD01 XB 034 GH	W/1P Bk/1P	11BBA8010	UVG4ACV	I 11 1	163	ES 2	H/W 162
11BBA08 XB01	11kV UNIT BD 1A CUBO8 BKR	OPENED CLOSED	11BBA08 AA001 X03 003/004	10BYD01 XB 036 EF	Gn/1P Bn/1P	11BBA8011	UVG4ACV	I 11 2	164	ES 3	H/W 163
11BBA08 XB51	11kV UNIT BD 1A CUB08	LOC/OFF REMOTE	11BBA08 AA001 X03 014/015	10BYD01 XB 036 GH	W/1P Bk/1P	11BBA8011	UVG4ACV	I 11 3	165	ES 2	H/W 164
11BCA01 XB01	6 6kV SERV BD 1A CUB01 BKR	OPENED CLOSED	11BCA01 AA001 X02 043/044	10BYD01 XB 037 EF	Gn/1P Bn/1P	11BCA8001	UVG8ACV	I 9 4	166	ES 3	H/W 165
11BCA01 XB51	6 6kV SERV BD 1A CUB01	LOC/OFF REMOTE	11BCA01 AA001 X02 054/055	10BYD01 XB 037 GH	W/1P Bk/1P	11BCA8001	UVG8ACV	I 9 5	167	ES 2	H/W 166
11BCA02 EW001 XB01	6 6kV SERV BD 1A CUB02 BKR	OPENED CLOSED	11BCA02 AA001 X03 003/004	10BYD01 XB 039 EF	Gn/1P Bn/1P	11BCA8003	UVG8ACV	I 9 6	168	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
11BCA02 XB51	6 6kV SERV BD 1A CUB02	LOC/OFF REMOTE	11BCA02 AA001 X03 014/015	10BYD01 XB 039 GH	W/1P Bk/1P	11BCA8003	UVG8ACV	I 9 7	169	ES 2	H/W 168
11BFA19 XB01	380V UNIT BD 1A CUB19 BKR	OPENED CLOSED	11BFA19 AA001 X05 128/129	10BYD01 XB 041 EF	Gn/1P Bn/1P	11BFA8001	UVG4ACV	I 5 4	170	ES 3	H/W 169
11BFA20 XB01	380V UNIT BD 1A CUB20 BKR	OPENED CLOSED	11BFA20 AA001 X05 128/129	10BYD01 XB 042 EF	Gn/1P Bn/1P	11BFA8002	UVG4ACV	I 5 5	171	ES 3	H/W 170
11BFA21 XB01	380V UNIT BD 1A CUB21 BKR	OPENED CLOSED	11BFA21 AA001 X05 128/129	10BYD01 XB 043 EF	Gn/1P Bn/1P	11BFA8004	UVG8ACV	I 5 6	172	ES 3	H/W 171
12BBA03 EW001 XB01	11kV UNIT BD 1B CUBO3 BKR	OPENED CLOSED	12BBA03 AA001 X03 003/004	10BYD01 XB 044 EF	Gn/1P Bn/1P	12BBA8003	UVG8ACV	I 12 2	173	ES 3	H/W 172
12BBA03 XB51	11kV UNIT BD 1B CUB03	LOC/OFF REMOTE	12BBA03 AA001 X03 014/015	10BYD01 XB 044 GH	W/1P Bk/1P	12BBA8003	UVG8ACV	I 12 3	174	ES 2	H/W 173
12BBA05 XB01	11kV UNIT BD 1B CUBO5 BKR	OPENED CLOSED	12BBA05 AA001 X02 053/054	10BYD01 XB 046 EF	Gn/1P Bn/1P	12BBA8004	UVG4ACV	I 12 4	175	ES 3	H/W 174
12BBA05 XB51	11kV UNIT BD 1B CUB05	LOC/OFF REMOTE	12BBA05 AA001 X03 006/007	10BYD01 XB 046 GH	W/1P Bk/1P	12BBA8004	UVG4ACV	I 12 5	176	ES 2	H/W 175
12BBA06 XB01	11kV UNIT BD 1B CUBO6 BKR	OPENED CLOSED	12BBA06 AA001 X03 003/004	10BYD01 XB 047 EF	Gn/1P Bn/1P	12BBA8005	UVG4ACV	I 12 6	177	ES 3	H/W 176
12BBA06 XB51	11kV UNIT BD 1B CUB06	LOC/OFF REMOTE	12BBA06 AA001 X03 014/015	10BYD01 XB 047 GH	W/1P Bk/1P	12BBA8005	UVG4ACV	I 12 7	178	ES 2	H/W 177
12BBA07 XB01	11kV UNIT BD 1B CUBO7 BKR	OPENED CLOSED	12BBA07 AA001 X03 003/004	10BYD01 XB 049 EF	Gn/1P Bn/1P	12BBA8006	UVG4ACV	I 13 0	179	ES 3	H/W 178
12BBA07 XB51	11kV UNIT BD 1B CUB07	LOC/OFF REMOTE	12BBA07 AA001 X03 014/015	10BYD01 XB 049 GH	W/1P Bk/1P	12BBA8006	UVG4ACV	I 13 1	180	ES 2	H/W 179
12BBA08 XB01	11kV UNIT BD 1B CUBO8 BKR	OPENED CLOSED	12BBA08 AA001 X03 003/004	10BYD01 XB 050 EF	Gn/1P Bn/1P	12BBA8007	UVG4ACV	I 13 2	181	ES 3	H/W 180
12BBA08 XB51	11kV UNIT BD 1B CUB08	LOC/OFF REMOTE	12BBA08 AA001 X03 014/015	10BYD01 XB 050 GH	W/1P Bk/1P	12BBA8007	UVG4ACV	I 13 3	182	ES 2	H/W 181
12BBA09 XB01	11kV UNIT BD 1B CUBO9 BKR	OPENED CLOSED	12BBA09 AA001 X03 003/004	10BYD01 XB 051 EF	Gn/1P Bn/1P	12BBA8008	UVG4ACV	I 13 4	183	ES 3	H/W 182
12BBA09 XB51	11kV UNIT BD 1B CUB09	LOC/OFF REMOTE	12BBA09 AA001 X03 014/015	10BYD01 XB 051 GH	W/1P Bk/1P	12BBA8008	UVG4ACV	I 13 5	184	ES 2	H/W 183
12BBA10 XB01	11kV UNIT BD 1B CUB10 BKR	OPENED CLOSED	12BBA10 AA001 X03 003/004	10BYD01 XB 052 EF	Gn/1P Bn/1P	12BBA8009	UVG4ACV	I 13 6	185	ES 3	H/W 184
12BBA10 XB51	11kV UNIT BD 1B CUB10	LOC/OFF REMOTE	12BBA10 AA001 X03 014/015	10BYD01 XB 052 GH	W/1P Bk/1P	12BBA8009	UVG4ACV	I 13 7	186	ES 2	H/W 185
12BBA11 XB01	11kV UNIT BD 1B CUB11 BKR	OPENED CLOSED	12BBA11 AA001 X03 003/004	10BYD01 XB 053 EF	Gn/1P Bn/1P	12BBA8010	UVG4ACV	I 14 0	187	ES 3	H/W 186
12BBA11 XB51	11kV UNIT BD 1B CUB11	LOC/OFF REMOTE	12BBA11 AA001 X03 014/015	10BYD01 XB 053 GH	W/1P Bk/1P	12BBA8010	UVG4ACV	I 14 1	188	ES 2	H/W 187
12BBA12 XB01	11kV UNIT BD 1B CUB12 BKR	OPENED CLOSED	12BBA12 AA001 X03 003/004	10BYD01 XB 054 EF	Gn/1P Bn/1P	12BBA8011	UVG4ACV	I 14 2	189	ES 3	H/W 188
12BBA12 XB51	11kV UNIT BD 1B CUB12	LOC/OFF REMOTE	12BBA12 AA001 X03 014/015	10BYD01 XB 054 GH	W/1P Bk/1P	12BBA8011	UVG4ACV	I 14 3	190	ES 2	H/W 189
12BCA01 EW001 XB01	6 6kV SERV BD 1B CUB01 BKR	OPENED CLOSED	12BCA01 AA001 X03 003/004	10BYD01 XB 055 EF	Gn/1P Bn/1P	12BCA8001	UVG8ACV	I 14 4	191	ES 3	H/W 190
12BCA01 XB51	6 6kV SERV BD 1B CUB01	LOC/OFF REMOTE	12BCA01 AA001 X02 014/015	10BYD01 XB 055 GH	W/1P Bk/1P	12BCA8001	UVG8ACV	I 14 5	192	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
12BFA18 XB01	380V UNIT BD 1B CUB18 BKR	OPENED CLOSED	12BFA18 AA001 X05 128/129	10BYD01 XB 057 EF	Gn/1P Bn/1P	12BFA8002	UVG4ACV	I 6 0	193	ES 3	H/W 192
12BFA19 XB01	380V UNIT BD 1B CUB19 BKR	OPENED CLOSED	12BFA19 AA001 X05 128/129	10BYD01 XB 058 EF	Gn/1P Bn/1P	12BFA8004	UVG4ACV	I 6 1	194	ES 3	H/W 193
12BFA17 XB01	380V UNIT BD 1B CUB17 BKR	OPENED CLOSED	12BFA17 AA001 X05 128/129	10BYD01 XB 059 EF	Gn/1P Bn/1P	12BFA8001	UVG4ACV	I 5 7	195	ES 3	H/W 194
13BFA20 XB01	380V UNIT BD 1C CUB20 BKR	OPENED CLOSED	13BFA20 AA001 X05 128/129	10BYD01 XB 060 EF	Gn/1P Bn/1P	13BFA8003	UVG4ACV	I 6 3	196	ES 3	H/W 195
13BFA19 XB01	380V UNIT BD 1C CUB19 BKR	OPENED CLOSED	13BFA19 AA001 X05 128/129	10BYD01 XB 061 EF	Gn/1P Bn/1P	13BFA8004	UVG4ACV	I 6 2	197	ES 3	H/W 196
14BFA18 XB01	380V UNIT BD 1D CUB18 BKR	OPENED CLOSED	14BFA18 AA001 X05 128/129	10BYD01 XB 062 EF	Gn/1P Bn/1P	14BFA8003	UVG4ACV	I 6 5	198	ES 3	H/W 197
14BFA17 XB01	380V UNIT BD 1D CUB17 BKR	OPENED CLOSED	14BFA17 AA001 X05 128/129	10BYD01 XB 063 EF	Gn/1P Bn/1P	14BFA8004	UVG4ACV	I 6 4	199	ES 3	H/W 198
	UNIT 1 SPARE (ALARM NUMBER 0200)								200	E 3	H/W 199
10BFF02 XB01	380V U1 FLY ASH BUNK BD CUB 02	OPENED CLOSED	10BFF02 AA001 X05 128/129	10BYD01 XB 069 EF	Gn/1P Bn/1P	10BFF8004	UVG4ACV	I 6 7	201	ES 3	H/W 200
10BLA01 XB01	380V UNIT LIGHTING BD 1 CUB01	OPENED CLOSED	10BLA01 AA001 X05 128/129	10BYD01 XB 070 EF	Gn/1P Bn/1P	10BLA8003	UVG4ACV	I 7 1	202	ES 3	H/W 201
10BLA02 XB01	380V UNIT LIGHTING BD 1 CUB02	OPENED CLOSED	10BLA02 AA001 X05 128/129	10BYD01 XB 071 EF	Gn/1P Bn/1P	10BLA8004	UVG4ACV	I 7 2	203	ES 3	H/W 202
10BBA02 EW001 XB01	11kV UNIT BD 1B BUSBAR E/S	ON OFF	11BBA01 AA001 X03 009/010	10BYD01 XB 023 AB	Be/2P R/2P	11BBA8001	UVG8ACV	I 16 1	204	ES 3	H/W 203
10BBA01 EW002 XB01	11kV UNIT BD 1A BUSBAR ISOLATOR	CLOSED OPENED	11BBA01 AA001 X03 017/052	10BYD01 XB 023 CD	Gy/2P Y/2P	11BBA8001	UVG8ACV	I 16 2	205	ES 3	H/W 204
10BBA01 EW001 XB01	11kV UNIT BD 1A BUSBAR E/S	ON OFF	11BBA01 AA001 X03 005/006	10BYD01 XB 023 EF	Gn/2P Bn/2P	11BBA8001	UVG8ACV	I 16 3	206	ES 3	H/W 205
10BBA02 EW002 XB01	11kV UNIT BD 1B BUSBAR ISOLATOR	CLOSED OPENED	11BBA01 AA001 X03 018/049	10BYD01 XB 023 GH	W/2P Bk/2P	11BBA8001	UVG8ACV	I 16 4	207	ES 3	H/W 206
11BBA03 EW002 XB01	11kV UNIT BD 1A CUB 03 CBL E/S	ON OFF	11BBA03 AA001 X03 029/030	10BYD01 XB 025 AB	Be/2P R/2P	11BBA8004	UVG8ACV	I 16 5	208	ES 3	H/W 207
11BBA03 EW003 XB01	11kV UNIT BD 1A CUB 03 ISOLATOR	CLOSED OPENED	11BBA03 AA001 X03 052/051	10BYD01 XB 025 CD	Gy/2P Y/2P	11BBA8004	UVG8ACV	I 16 6	209	ES 3	H/W 208
11BBA10 EW002 XB01	11kV UNIT BD 1A CUB 10 CBL E/S	ON OFF	11BBA10 AA001 X03 017/018	10BYD01 XB 028 AB	Be/2P R/2P	11BBA8006	UVG8ACV	I 16 7	210	ES 3	H/W 209
11BBA10 EW003 XB01	11kV UNIT BD 1A CUB 10 ISOLATOR	CLOSED OPENED	11BBA10 AA001 X03 052/051	10BYD01 XB 028 CD	Gy/2P Y/2P	11BBA8006	UVG8ACV	I 17 0	211	ES 3	H/W 210
10BCA02 EW001 XB01	6 6kV SERV BD 1B BUSBAR E/S	ON OFF	11BCA01 AA001 X03 009/010	10BYD01 XB 038 AB	Be/2P R/2P	11BCA8001	UVG8ACV	I 17 1	212	ES 3	H/W 211
10BCA01 EW002 XB01	6 6kV SERV BD 1A BUSBAR ISOLATOR	CLOSED OPENED	11BCA01 AA001 X03 017/052	10BYD01 XB 038 CD	Gy/2P Y/2P	11BCA8001	UVG8ACV	I 17 2	213	ES 3	H/W 212
10BCA01 EW001 XB01	6 6kV SERV BD 1A BUSBAR E/S	ON OFF	11BCA01 AA001 X03 005/006	10BYD01 XB 038 EF	Gn/2P Bn/2P	11BCA8001	UVG8ACV	I 17 3	214	ES 3	H/W 213
10BCA02 EW002 XB01	6 6kV SERV BD 1B BUSBAR ISOLATOR	CLOSED OPENED	11BCA01 AA001 X03 018/050	10BYD01 XB 038 GH	W/2P Bk/2P	11BCA8001	UVG8ACV	I 17 4	215	ES 3	H/W 214
11BCA02 EW002 XB01	6 6kV SERV BD 1A CUB 02 CBL E/S	ON OFF	11BCA02 AA001 X03 029/030	10BYD01 XB 040 AB	Be/2P R/2P	11BCA8003	UVG8ACV	I 17 5	216	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
11BCA02 EW003 XB01	6 6kV SERV BD 1A CUB 02 ISOLATOR	CLOSED OPENED	11BCA02 AA001 X03 062/061	10BYD01 XB 040 CD	Gy/2P Y/2P	11BCA8003	UVG8ACV	I 17 6	217	ES 3	H/W 216
11BFC01 XB01	380V U1 PRECIP BD A CUB 01 BKR	OPENED CLOSED	11BFC01 AA001 X05 128/129	10BYD01 XB 072 EF	Gn/1P Bn/1P	11BFC8002	UVG4ACV	I 7 3	218	ES 3	H/W 217
11BFC02 XB01	380V U1 PRECIP BD A CUB 02 BKR	OPENED CLOSED	11BFC02 AA001 X05 128/129	10BYD01 XB 073 EF	Gn/1P Bn/1P	11BFC8003	UVG4ACV	I 7 4	219	ES 3	H/W 218
12BBA03 EW002 XB01	11kV UNIT BD 1B CUB 03 CBL E/S	ON OFF	12BBA03 AA001 X03 029/030	10BYD01 XB 045 AB	Be/2P R/2P	12BBA8003	UVG8ACV	I 17 7	220	ES 3	H/W 219
12BBA03 EW003 XB01	11kV UNIT BD 1B CUB 03 ISOLATOR	CLOSED OPENED	12BBA03 AA001 X03 052/051	10BYD01 XB 045 CD	Gy/2P Y/2P	12BBA8003	UVG8ACV	I 18 0	221	ES 3	H/W 220
12BCA01 EW002 XB01	6 6kV SERV BD 1B CUB 01 CBL E/S	ON OFF	12BCA01 AA001 X03 029/030	10BYD01 XB 056 AB	Be/2P R/2P	12BCA8001	UVG8ACV	I 18 1	222	ES 3	H/W 221
12BCA01 EW003 XB01	6 6kV SERV BD 1B CUB 01 ISOLATOR	CLOSED OPENED	12BCA01 AA001 X02 059/060	10BYD01 XB 056 CD	Gy/2P Y/2P	12BCA8001	UVG8ACV	I 18 2	223	ES 3	H/W 222
12BFC01 XB01	380V U1 PRECIP BD B CUB 01 BKR	OPENED CLOSED	12BFC02 AA001 X05 128/129	10BYD01 XB 074 EF	Gn/1P Bn/1P	12BFC8002	UVG4ACV	I 7 5	224	ES 3	H/W 223
10CJN00 GS001 XB01	GEN 1 FIELD BREAKER TRIP	DISABLED NORMAL	10BAY03 AA001 X04 036/037	10BYD01 XB 003 EF	Gn/3P Bn/3P	10BAY8003	UVG20ACV	I 18 3	225	A 3	H/W 224
10CJN00 XB01	GEN 1 FIELD BREAKER	CLOSED OPENED	10CJN03 WA002 062/063	10BYD01 XB 076 AB	Be/2P R/2P	10BAY8012	UVG8ACV	I 18 4	226	A 3	H/W 225
10BDE01 EW002 XB01	3 3kV U1 D/GEN BD CUB01 E/S	ON OFF	10BDE01 AA001 X03 023/024	10BYD01 XB 010 AB	Be/1P R/1P	10BDE8001	UVG4ACV	I 8 5	227	ES 3	H/W 226
10BDE01 EW003 XB01	3 3kV U1 D/GEN BD CUB01 ISOLATOR	CLOSED OPENED	10BDE01 AA001 X03 019/020	10BYD01 XB 010 CD	Gy/1P Y/1P	10BDE8001	UVG4ACV	I 14 6	228	ES 3	H/W 227
	UNIT 1 SPARE (ALARM NUMBER 0229)								229	E 3	H/W 228
	UNIT 1 SPARE (ALARM NUMBER 0230)								230	E 3	H/W 229
	UNIT 1 SPARE (ALARM NUMBER 0231)								231	E 3	H/W 230
	UNIT 1 SPARE (ALARM NUMBER 0232)								232	E 3	H/W 231
	UNIT 1 SPARE (ALARM NUMBER 0233)								233	E 3	H/W 232
	UNIT 1 SPARE (ALARM NUMBER 0234)								234	E 3	H/W 233
	UNIT 1 SPARE (ALARM NUMBER 0235)								235	E 3	H/W 234
	UNIT 1 SPARE (ALARM NUMBER 0236)								236	E 3	H/W 235
	UNIT 1 SPARE (ALARM NUMBER 0237)								237	E 3	H/W 236
	UNIT 1 SPARE (ALARM NUMBER 0238)								238	E 3	H/W 237
	UNIT 1 SPARE (ALARM NUMBER 0239)								239	E 3	H/W 238
	UNIT 1 SPARE (ALARM NUMBER 0240)								240	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 1 SPARE (ALARM NUMBER 0241)								241	E 3	H/W 240
	UNIT 1 SPARE (ALARM NUMBER 0242)								242	E 3	H/W 241
	UNIT 1 SPARE (ALARM NUMBER 0243)								243	E 3	H/W 242
	UNIT 1 SPARE (ALARM NUMBER 0244)								244	E 3	H/W 243
	UNIT 1 SPARE (ALARM NUMBER 0245)								245	E 3	H/W 244
	UNIT 1 SPARE (ALARM NUMBER 0246)								246	E 3	H/W 245
	UNIT 1 SPARE (ALARM NUMBER 0247)								247	E 3	H/W 246
	UNIT 1 SPARE (ALARM NUMBER 0248)								248	E 3	H/W 247
	UNIT 1 SPARE (ALARM NUMBER 0249)								249	E 3	H/W 248
	UNIT 1 SPARE (ALARM NUMBER 0250)								250	E 3	H/W 249
	UNIT 1 SPARE (ALARM NUMBER 0251)								251	E 3	H/W 250
	UNIT 1 SPARE (ALARM NUMBER 0252)								252	E 3	H/W 251
	UNIT 1 SPARE (ALARM NUMBER 0253)								253	E 3	H/W 252
	UNIT 1 SPARE (ALARM NUMBER 0254)								254	E 3	H/W 253
	UNIT 1 SPARE (ALARM NUMBER 0255)								255	E 3	H/W 254
	UNIT 1 SPARE (ALARM NUMBER 0256)								256	E 3	H/W 255
	UNIT 1 SPARE (ALARM NUMBER 0257)								257	E 3	H/W 256
	UNIT 1 SPARE (ALARM NUMBER 0258)								258	E 3	H/W 257
	UNIT 1 SPARE (ALARM NUMBER 0259)								259	E 3	H/W 258
	UNIT 1 SPARE (ALARM NUMBER 0260)								260	E 3	H/W 259
	UNIT 1 SPARE (ALARM NUMBER 0261)								261	E 3	H/W 260
	UNIT 1 SPARE (ALARM NUMBER 0262)								262	E 3	H/W 261
	UNIT 1 SPARE (ALARM NUMBER 0263)								263	E 3	H/W 262
	UNIT 1 SPARE (ALARM NUMBER 0264)								264	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 1 SPARE (ALARM NUMBER 0265)								265	E 3	H/W 264
	UNIT 1 SPARE (ALARM NUMBER 0266)								266	E 3	H/W 265
	UNIT 1 SPARE (ALARM NUMBER 0267)								267	E 3	H/W 266
	UNIT 1 SPARE (ALARM NUMBER 0268)								268	E 3	H/W 268
	UNIT 1 SPARE (ALARM NUMBER 0269)								269	E 3	H/W 267
	UNIT 1 SPARE (ALARM NUMBER 0270)								270	E 3	H/W 269
	UNIT 1 SPARE (ALARM NUMBER 0271)								271	E 3	H/W 270
	UNIT 1 SPARE (ALARM NUMBER 0272)								272	E 3	H/W 271
	UNIT 1 SPARE (ALARM NUMBER 0273)								273	E 3	H/W 272
	UNIT 1 SPARE (ALARM NUMBER 0274)								274	E 3	H/W 273
	UNIT 1 SPARE (ALARM NUMBER 0275)								275	E 3	H/W 274
	UNIT 1 SPARE (ALARM NUMBER 0276)								276	E 3	H/W 275
	UNIT 1 SPARE (ALARM NUMBER 0277)								277	E 3	H/W 276
	UNIT 1 SPARE (ALARM NUMBER 0278)								278	E 3	H/W 277
	UNIT 1 SPARE (ALARM NUMBER 0279)								279	E 3	H/W 278
	UNIT 1 SPARE (ALARM NUMBER 0280)								280	E 3	H/W 279
	UNIT 1 SPARE (ALARM NUMBER 0281)								281	E 3	H/W 280
	UNIT 1 SPARE (ALARM NUMBER 0282)								282	E 3	H/W 281
	UNIT 1 SPARE (ALARM NUMBER 0283)								283	E 3	H/W 282
	UNIT 1 SPARE (ALARM NUMBER 0284)								284	E 3	H/W 283
	UNIT 1 SPARE (ALARM NUMBER 0285)								285	E 3	H/W 284
	UNIT 1 SPARE (ALARM NUMBER 0286)								286	E 3	H/W 285
	UNIT 1 SPARE (ALARM NUMBER 0287)								287	E 3	H/W 286
	UNIT 1 SPARE (ALARM NUMBER 0288)								288	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 1 SPARE (ALARM NUMBER 0289)								289	E 3	H/W 288
	UNIT 1 SPARE (ALARM NUMBER 0289)								290	E 3	H/W 289
	UNIT 1 SPARE (ALARM NUMBER 0290)								291	E 3	H/W 290
	UNIT 1 SPARE (ALARM NUMBER 0291)								292	E 3	H/W 291
	UNIT 1 SPARE (ALARM NUMBER 0292)								293	E 3	H/W 292
	UNIT 1 SPARE (ALARM NUMBER 0293)								294	E 3	H/W 293
	UNIT 1 SPARE (ALARM NUMBER 0294)								295	E 3	H/W 294
	UNIT 1 SPARE (ALARM NUMBER 0295)								296	E 3	H/W 295
	UNIT 1 SPARE (ALARM NUMBER 0296)								297	E 3	H/W 296
	UNIT 1 SPARE (ALARM NUMBER 0297)								298	E 3	H/W 297
	UNIT 1 SPARE (ALARM NUMBER 0298)								299	E 3	H/W 298
	UNIT 1 SPARE (ALARM NUMBER 0299)								300	E 3	H/W 299
	UNIT 1 SPARE (ALARM NUMBER 0300)								301	E 3	H/W 300
	UNIT 1 SPARE (ALARM NUMBER 0301)								302	E 3	H/W 301
	UNIT 1 SPARE (ALARM NUMBER 0302)								303	E 3	H/W 302
	UNIT 1 SPARE (ALARM NUMBER 0303)								304	E 3	H/W 303
	UNIT 1 SPARE (ALARM NUMBER 0304)								305	E 3	H/W 304
	UNIT 1 SPARE (ALARM NUMBER 0305)								306	E 3	H/W 305
	UNIT 1 SPARE (ALARM NUMBER 0306)								307	E 3	H/W 306
	UNIT 1 SPARE (ALARM NUMBER 0307)								308	E 3	H/W 307
	UNIT 1 SPARE (ALARM NUMBER 0308)								309	E 3	H/W 308
	UNIT 1 SPARE (ALARM NUMBER 0309)								310	E 3	H/W 309
	UNIT 1 SPARE (ALARM NUMBER 0310)								311	E 3	H/W 310
	UNIT 1 SPARE (ALARM NUMBER 0311)								312	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 1 SPARE (ALARM NUMBER 0312)								313	E 3	H/W 312
	UNIT 1 SPARE (ALARM NUMBER 0313)								314	E 3	H/W 313
	UNIT 1 SPARE (ALARM NUMBER 0314)								315	E 3	H/W 314
	UNIT 1 SPARE (ALARM NUMBER 0315)								316	E 3	H/W 315
	UNIT 1 SPARE (ALARM NUMBER 0316)								317	E 3	H/W 316
	UNIT 1 SPARE (ALARM NUMBER 0317)								318	E 3	H/W 317
	UNIT 1 SPARE (ALARM NUMBER 0318)								319	E 3	H/W 318
00BTL10 XW51	220V STATION BATTERY CHARGER 1	UNHEALTH NORMAL	00BTL10 AA001 X01 025/026	10BYD01 XH 001 AB	Be/1P R/1P	10BTL8001	UVG4ACV		320	A 1	H/W 319
00BTL20 XW51	220V STATION BATTERY CHARGER 2	UNHEALTH NORMAL	00BTL20 AA001 X01 025/026	10BYD01 XH 002 AB	Be/1P R/1P	10BTL8002	UVG4ACV		321	A 1	H/W 320
	UNIT 1 SPARE (ALARM NUMBER 0320)								322	E 3	H/W 321
	UNIT 1 SPARE (ALARM NUMBER 0321)								323	E 3	H/W 322
	UNIT 1 SPARE (ALARM NUMBER 0322)								324	E 3	H/W 323
	UNIT 1 SPARE (ALARM NUMBER 0323)								325	E 3	H/W 324
	UNIT 1 SPARE (ALARM NUMBER 0324)								326	E 3	H/W 325
10MKA10 EW200 XW85	GEN 1 100% STATOR E/F	TRIP NORMAL	10BAY01 AA001 X32 006/013	10BYB01 XH 005 CD	Gy/2P Y/2P	10BAY8001	UVG48ACV		327	A 2	H/W 326
10BAT10 AA001 XW53	GEN TRFR 1 DIFF R PHASE	TRIP NORMAL	10BAY01 AA001 X33 005/012	10BYB01 XH 005 GH	W/2P Bk/2P	10BAY8001	UVG48ACV		328	A 2	H/W 327
10BAT10 AA002 XW53	GEN TRFR 1 DIFF W PHASE	TRIP NORMAL	10BAY01 AA001 X33 006/013	10BYB01 XH 006 AB	Be/3P R/3P	10BAY8001	UVG48ACV		329	A 2	H/W 328
10BAT10 AA003 XW53	GEN TRFR 1 DIFF B PHASE	TRIP NORMAL	10BAY01 AA001 X33 007/014	10BYB01 XH 006 CD	Gy/3P Y/3P	10BAY8001	UVG48ACV		330	A 2	H/W 329
10BAT10 XW38	GEN TRFR 1 OVERFLUXING STAGE 1	TRIP NORMAL	10BAY01 AA001 X37 002/009	10BYB01 XH 007 GH	W/4P Bk/4P	10BAY8001	UVG48ACV		331	A 2	H/W 330
10MKA10 XW71	GEN 1 HOUSE LOADING	TRIP NORMAL	10BAY01 AA001 X37 006/013	10BYB01 XH 008 AB	Be/1O R/1O	10BAY8001	UVG48ACV		332	A 1	H/W 331
10BBT10 AA001 XW53	UNIT TRFR 1A DIFF R PHASE	TRIP NORMAL	10BAY01 AA001 X24 001/008	10BYB01 XH 008 EF	Gn/1O Bn/1O	10BAY8001	UVG48ACV		333	A 2	H/W 332
10BBT10 GT200 XW85	UNIT TRFR 1A 22kV EARTH FAULT	TRIP NORMAL	10BAY01 AA001 X38 002/009	10BYB01 XH 008 GH	W/1O Bk/1O	10BAY8001	UVG48ACV		334	A 2	H/W 333
10BBT10 GT100 XW31	UNIT TRFR 1A 11kV R/E/F	TRIP NORMAL	10BAY01 AA001 X38 003/010	10BYB01 XH 009 AB	Be/2O R/2O	10BAY8001	UVG48ACV		335	A 2	H/W 334
10BBT20 AA001 XW53	UNIT TRFR 1B DIFF R PHASE	TRIP NORMAL	10BAY01 AA001 X24 004/011	10BYB01 XH 009 CD	Gy/2O Y/2O	10BAY8001	UVG48ACV		336	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
10BBT20 GT100 XW31	UNIT TRFR 1B 11kV R/E/F	TRIP NORMAL	10BAY01 AA001 X38 005/012	10BYB01 XH 009 EF	Gn/2O Bn/2O	10BAY8001	UVG48ACV		337	A 2	H/W 336
10BAT10 XW95	GEN TRFR 1 OIL TEMP	TRIP NORMAL	10BAY01 AA001 X39 002/009	10BYB01 XH 009 GH	W/2O Bk/2O	10BAY8001	UVG48ACV		338	A 2	H/W 337
10BBT10 GT100 XW95	UNIT TRFR 1A OIL TEMP	TRIP NORMAL	10BAY01 AA001 X39 005/012	10BYB01 XH 010 AB	Be/3O R/3O	10BAY8001	UVG48ACV		339	A 2	H/W 338
10BBT20 GT100 XW95	UNIT TRFR 1B OIL TEMP	TRIP NORMAL	10BAY01 AA001 X39 007/014	10BYB01 XH 010 CD	Gy/3O Y/3O	10BAY8001	UVG48ACV		340	A 2	H/W 339
10BAT10 XW32	GEN TRFR 1 TAP CHANGER PRD	TRIP NORMAL	10BAY01 AA001 X40 001/008	10BYB01 XH 010 EF	Gn/3O Bn/3O	10BAY8001	UVG48ACV		341	A 2	H/W 340
10BBT10 AA002 XW53	UNIT TRFR 1A DIFF W PHASE	TRIP NORMAL	10BAY01 AA001 X24 002/009	10BYB01 XH 010 GH	W/3O Bk/3O	10BAY8001	UVG48ACV		342	A 2	H/W 341
10BBT10 AA003 XW53	UNIT TRFR 1A DIFF B PHASE	TRIP NORMAL	10BAY01 AA001 X24 003/010	10BYB01 XH 011 AB	Be/4O R/4O	10BAY8001	UVG48ACV		343	A 2	H/W 342
10BBT20 AA002 XW53	UNIT TRFR 1B DIFF W PHASE	TRIP NORMAL	10BAY01 AA001 X24 005/012	10BYB01 XH 011 CD	Gy/4O Y/4O	10BAY8001	UVG48ACV		344	A 2	H/W 343
10BBT20 AA003 XW53	UNIT TRFR 1B DIFF B PHASE	TRIP NORMAL	10BAY01 AA001 X24 006/013	10BYB01 XH 011 EF	Gn/4O Bn/4O	10BAY8001	UVG48ACV		345	A 2	H/W 344
10MKA10 EW001 XW39	GEN 1 M1 EXITATION TRIP DC	FAIL NORMAL	10BAY01 AA001 X51 053/058	10BYB01 XH 011 GH	W/4O Bk/4O	10BAY8001	UVG48ACV		346	A 1	H/W 345
10MKA10 EW001 XW51	GEN 1 M1 PROT CUB DC	FAIL NORMAL	10BAY01 AA001 X51 047/048	10BYB01 XH 012 AB	Be/1V R/1V	10BAY8001	UVG48ACV		347	A 1	H/W 346
10BAT10 XW33	GEN TRFR 1 OVERFLUXING STAGE 2	TRIP NORMAL	10BAY01 AA001 X37 003/010	10BYB01 XH 012 CD	Gy/1V Y/1V	10BAY8001	UVG48ACV		348	A 2	H/W 347
10MKA10 EW002 XW22	GEN 1 M2 GROUP	TRIP NORMAL	10BAY02 AA001 X25 005/012	10BYB01 XH 016 AB	Be/1P R/1P	10BAY8002	UVG48ACV	I 22 3	349	A 2	H/W 348
10MKA10 EW002 XW11	GEN 1 M2 NEG PHASE SEQUENCE	TRIP NORMAL	10BAY02 AA001 X32 004/011	10BYB01 XH 017 AB	Be/2P R/2P	10BAY8002	UVG48ACV		350	A 2	H/W 349
10MKA10 EW101 XW65	GEN 1 ROTOR E/F < 80 K OHM	ALARM NORMAL	10BAY02 AA001 X33 002/009	10BYB01 XH 017 GH	W/2P Bk/2P	10BAY8002	UVG48ACV		351	A 1	H/W 350
10MKA10 XW12	GEN 1 OVERFLUXING STAGE 1	ALARM NORMAL	10BAY02 AA001 X31 005/012	10BYB01 XH 018 EF	Gn/3P Bn/3P	10BAY8002	UVG48ACV		352	A 1	H/W 351
10BAT10 XW31	GEN TRFR 1 HV RESTRICTED E/F	TRIP NORMAL	10BAY02 AA001 X34 001/008	10BYB01 XH 019 EF	Gn/4P Bn/4P	10BAY8002	UVG48ACV		353	A 2	H/W 352
10BAT10 XW29	GEN TRFR 1 HV BACK UP E/F	TRIP NORMAL	10BAY02 AA001 X35 001/008	10BYB01 XH 019 GH	W/4P Bk/4P	10BAY8002	UVG48ACV		354	A 2	H/W 353
10BBT10 GT100 XW34	UNIT TRFR 1A 22kV OVERCURRENT	TRIP NORMAL	10BAY02 AAOO1 X35 002/009	10BYB01 XH 020 CD	Gy/1O Y/1O	10BAY8002	UVG48ACV		355	A 2	H/W 354
10BBT20 GT100 XW34	UNIT TRFR 1B 22kV OVERCURRENT	TRIP NORMAL	10BAY02 AA001 X35 005/012	10BYB01 XH 020 EF	Gn/1O Bn/1O	10BAY8002	UVG48ACV		356	A 2	H/W 355
10BAC00 XW28	GEN 1 22kV BKR FAIL	TRIP NORMAL	10BAY02 AA001 X36 001/008	10BYB01 XH 020 GH	W/1O Bk/1O	10BAY8002	UVG48ACV		357	A 2	H/W 356
10MKA10 XW14	GEN 1 LOSS OF FIELD STAGE 1	ALARM NORMAL	10BAY02 AA001 X23 002/009	10BYB01 XH 021 CD	Gy/2O Y/2O	10BAY8002	UVG48ACV		358	A 1	H/W 357
10ACA10 GS101 XW28	GEN 1 400kV BKR FAIL	TRIP NORMAL	10BAY02 AA001 X37 001/008	10BYB01 XH 021 EF	Gn/2O Bn/2O	10BAY8002	UVG48ACV		359	A 2	H/W 358
10BAC01 XW53	GEN 1 22kV CT CHAMBER FANS	FAIL NORMAL	10BAC01 AN002 X05 009/010	10BYB01 XH 002 AB	Be/1P R/1P	10BAC8001	UVG4ACV		360	A 1	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
10ACA10 GS101 XW59	GEN 1 400kV BKR POLE	DISCREP NORMAL	10BAY02 AA001 X37 003/010	10BYB01 XH 022 AB	Be/3O R/3O	10BAY8002	UVG48ACV		361	A 2	H/W 360
10ACA10 GS201 XW59	GEN 1 400kV PANTOGRAPH POLE	DISCREP NORMAL	10BAY02 AA001 X37 005/012	10BYB01 XH 022 CD	Gy/3O Y/3O	10BAY8002	UVG48ACV		362	A 2	H/W 361
10ACA10 GS101 XW78	GEN 1 400kV BKR BUS ZONE	TRIP NORMAL	10BAY02 AA001 X37 006/013	10BYB01 XH 022 EF	Gn/3O Bn/3O	10BAY8002	UVG48ACV		363	A 2	H/W 362
10BAT10 XW34	GEN TRFR 1 TAP CHG OVERCURRENT	TRIP NORMAL	10BAY02 AA001 X38 001/008	10BYB01 XH 022 GH	W/3O Bk/3O	10BAY8002	UVG48ACV		364	A 2	H/W 363
10BAT10 GT301 XW36	GEN TRFR 1 TAP CHG MECH TIMER	ALARM NORMAL	10BAY02 AA001 X38 002/009	10BYB01 XH 023 AB	Be/4O R/4O	10BAY8002	UVG48ACV		365	A 1	H/W 364
10BAT10 XW93	GEN TRFR 1 BUCH	TRIP NORMAL	10BAY02 AA001 X38 005/012	10BYB01 XH 023 CD	Gy/4O Y/4O	10BAY8002	UVG48ACV		366	A 2	H/W 365
10BAT10 XW94	GEN TRFR 1 WINDING TEMP	TRIP NORMAL	10BAY02 AAOO1 X38 006/013	10BYB01 XH 023 EF	Gn/4O Bn/4O	10BAY8002	UVG48ACV		367	A 2	H/W 366
10BAT10 XW97	GEN TRFR 1 PRD	TRIP NORMAL	10BAY02 AA001 X38 007/014	10BYB01 XH 023 GH	W/4O Bk/4O	10BAY8002	UVG48ACV		368	A 2	H/W 367
10BBT10 GT100 XW85	UNIT TRFR 1A 11kV E/F STAGE 1	TRIP NORMAL	10BAY02 AA001 X39 002/009	10BYB01 XH 024 AB	Be/1V R/1V	10BAY8002	UVG48ACV		369	A 2	H/W 368
10BBT10 GT200 XW95	UNIT TRFR 1A 11kV E/F STAGE 2	TRIP NORMAL	10BAY02 AA001 X39 003/010	10BYB01 XH 024 CD	Gy/1V Y/1V	10BAY8002	UVG48ACV		370	A 2	H/W 369
10BBT10 GT100 XW93	UNIT TRFR 1A BUCH	TRIP NORMAL	10BAY02 AA001 X39 004/011	10BYB01 XH 024 EF	Gn/1V Bn/1V	10BAY8002	UVG48ACV		371	A 2	H/W 370
10BBT10 GT100 XW94	UNIT TRFR 1A WINDING TEMP	TRIP NORMAL	10BAY02 AA001 X39 005/012	10BYB01 XH 024 GH	W/1V Bk/1V	10BAY8002	UVG48ACV		372	A 2	H/W 371
10BBT10 GT100 XW97	UNIT TRFR 1A PRD	TRIP NORMAL	10BAY02 AA001 X39 006/013	10BYB01 XH 025 AB	Be/2V R/2V	10BAY8002	UVG48ACV		373	A 2	H/W 372
10BBT20 GT100 XW85	UNIT TRFR 1B 22kV EARTH FAULT	TRIP NORMAL	10BAY02 AA001 X40 001/008	10BYB01 XH 025 EF	Gn/2V Bn/2V	10BAY8002	UVG48ACV		374	A 2	H/W 373
10BBT20 GT100 XW27	UNIT TRFR 1B 11kV E/F STAGE 1	TRIP NORMAL	10BAY02 AA001 X40 002/009	10BYB01 XH 025 GH	W/2V Bk/2V	10BAY8002	UVG48ACV		375	A 2	H/W 374
10BBT20 GT200 XW95	UNIT TRFR 1B 11kV E/F STAGE 2	TRIP NORMAL	10BAY02 AA001 X40 003/010	10BYB01 XH 026 AB	Be/3V R/3V	10BAY8002	UVG48ACV		376	A 2	H/W 375
10BBT20 GT100 XW93	UNIT TRFR 1B BUCH	TRIP NORMAL	10BAY02 AA001 X40 004/011	10BYB01 XH 026 CD	Gy/3V Y/3V	10BAY8002	UVG48ACV		377	A 2	H/W 376
10BBT20 GT100 XW94	UNIT TRFR 1B WINDING TEMP	TRIP NORMAL	10BAY02 AA001 X40 005/012	10BYB01 XH 026 EF	Gn/3V Bn/3V	10BAY8002	UVG48ACV		378	A 2	H/W 377
10BBT20 GT100 XW97	UNIT TRFR 1B PRD	TRIP NORMAL	10BAY02 AA001 X40 006/013	10BYB01 XH 026 GH	W/3V Bk/3V	10BAY8002	UVG48ACV		379	A 2	H/W 378
10MKA10 EW002 XW39	GEN 1 M2 EXCITATION TRIP DC	FAIL NORMAL	10BAY02 AA001 X51 053/058	10BYB01 XH 027 CD	Gy/4V Y/4V	10BAY8002	UVG48ACV		380	A 1	H/W 379
10MKA10 EW002 XW51	GEN 1 M2 PROT CUB DC	FAIL NORMAL	10BAY02 AA001 X51 047/048	10BYB01 XH 027 EF	Gn/4V Bn/4V	10BAY8002	UVG48ACV		381	A 1	H/W 380
10BAT10 XW35	GEN TRFR 1 COOLER	FAIL NORMAL	10BAY13 DA001 X01 002/012	10BYB01 XH 028 AB	Be/1P R/1P	10BAY8006	UVG8ACV		382	A 1	H/W 381
10BAT10 XW55	GEN TRFR 1 BUCH	ALARM NORMAL	10BAY13 DA001 X01 003/014	10BYB01 XH 028 CD	Gy/1P Y/1P	10BAY8006	UVG8ACV		383	A 1	H/W 382
10BAT10 XW30	GEN TRFR 1 TAP CHG OIL LEVEL	LOW NORMAL	10BAY13 DA001 X01 006/017	10BYB01 XH 028 EF	Gn/1P Bn/1P	10BAY8006	UVG8ACV		384	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
10BAT10 XW56	GEN TRFR 1 WINDING TEMP	ALARM NORMAL	10BAY13 DA001 X01 009/019	10BYB01 XH 029 AB	Be/2P R/2P	10BAY8006	UVG8ACV		385	A 1	H/W 384
10BAT10 XW57	GEN TRFR 1 OIL TEMP	ALARM NORMAL	10BAY13 DA001 X01 010/020	10BYB01 XH 029 CD	Gy/2P Y/2P	10BAY8006	UVG8ACV		386	A 1	H/W 385
10BAC00 XW89	GEN 1 22kV BKR CLOSE	UNHEALTH NORMAL	10BAY30 AA001 X03 031/032	10BYB01 XH 030 AB	Be/1P R/1P	10BAY8007	UVG8ACV		387	A 1	H/W 386
10BAC00 XW52	GEN 1 22kV BKR TRIP	UNHEALTH NORMAL	10BAY30 AA001 X03 033/034	10BYB01 XH 030 CD	Gy/1P Y/1P	10BAY8007	UVG8ACV		388	A 1	H/W 387
10BAC00 XW46	GEN 1 22kV BKR AIR FILLING	FAULT NORMAL	10BAY30 AA001 X03 037/038	10BYB01 XH 030 EF	Gn/1P Bn/1P	10BAY8007	UVG8ACV		389	A 1	H/W 388
10BAA00 XW98	GEN 1 22kV TRFR DUCTING PRESSURE	LOW NORMAL	10BAA00 GH002 X01 004/005	10BYB01 XH 001 AB	Be/1P R/1P	10BAA8001	UVG4ACV		390	A 1	H/W 389
10BAC00 XW59	GEN 1 22kV BKR POLE	DISCREP NORMAL	10BAY30 AA001 X03 041/042	10BYB01 XH 031 AB	Be/2P R/2P	10BAY8007	UVG8ACV		391	A 2	H/W 390
10BAC00 XW53	GEN 1 22kV BKR 85 DEG CELCIUS	TRIP NORMAL	10BAY02 AA001 X38 003/010	10BYB01 XH 032 GH	W/1P Bk/1P	10BAY8008	UVG8ACV		392	A 2	H/W 391
10ACA10 GS101 XW42	GEN 1 400kV BKR SYNCHRONISING	IN OPER COMPLETE	10BAY03 AA001 X06 172/173	10BYB01 XH 034 AB	Be/1P R/1P	10BAY8009	UVG20ACV		393	A 3	H/W 392
10BAC00 XW31	GEN 1 22kV BKR REPEAT CONTACT	DISCREP NORMAL	10BAY03 AA001 X06 217/218	10BYB01 XH 034 CD	Gy/1P Y/1P	10BAY8009	UVG20ACV		394	A 1	H/W 393
10BAC00 XW42	GEN 1 22kV BKR SYNCHRONISING	IN OPER COMPLETE	10BAY03 AA001 X06 181/182	10BYB01 XH 034 EF	Gn/1P Bn/1P	10BAY8009	UVG20ACV		395	A 3	H/W 394
10BAT10 GT300 XW36	GEN TRFR 1 TAP CHG BUSWIRE TIMER	FAULT NORMAL	10BAY03 AA001 X07 047/048	10BYB01 XH 034 GH	W/1P Bk/1P	10BAY8009	UVG20ACV		396	A 1	H/W 395
10BAT10 XW48	GEN TRFR 1 TAP CHANGE DC	FAIL NORMAL	10BAY03 AA001 X10 002/012	10BYB01 XH 035 AB	Be/2P R/2P	10BAY8009	UVG20ACV		397	A 1	H/W 396
10BAT10 XW50	GEN TRFR 1 TAP CHG MOTOR RUNNING	FAULT NORMAL	10BAY03 AA001 X07 041/042	10BYB01 XH 035 CD	Gy/2P Y/2P	10BAY8009	UVG20ACV		398	A 1	H/W 397
10MKA10 XW37	GEN 1 SYNC CIRCUITS DC	FAIL NORMAL	10BAY03 AA001 X10 001/011	10BYB01 XH 035 EF	Gn/2P Bn/2P	10BAY8009	UVG20ACV		399	A 1	H/W 398
10BAC00 XW51	GEN 1 PROT SYNCH CUB DC SUPPLY	FAIL NORMAL	10BAY03 AA001 X10 003/013	10BYB01 XH 035 GH	W/2P Bk/2P	10BAY8009	UVG20ACV		400	A 1	H/W 399
10BAT10 XW69	GEN TRFR 1 TAP CHG LOCKOUT	OPER NORMAL	10BAY03 AA001 X07 053/054	10BYB01 XH 036 AB	Be/3P R/3P	10BAY8009	UVG20ACV		401	A 1	H/W 400
10BBY01 XW53	11kV UNIT BD 1 BUS ZONE PROT	TRIP NORMAL	10BBY01 AA001 X00 021/023	10BYB01 XH 039 AB	Be/1P R/1P	10BBY8001	UVG8ACV		402	A 2	H/W 401
10BBY01 XW51	11kV UNIT BD 1 BUS ZONE DC	FAIL NORMAL	10BBY01 AA001 X00 025/029	10BYB01 XH 039 CD	Gy/1P Y/1P	10BBY8001	UVG8ACV		403	A 1	H/W 402
10BBY01 XW59	11kV UNIT BD 1 BUS ZONE DISCREP	ALARM NORMAL	10BBY01 AA001 X00 031/033	10BYB01 XH 039 EF	Gn/1P Bn/1P	10BBY8001	UVG8ACV		404	A 1	H/W 403
10BBY01 ES001 XW60	11kV UNIT BD 1 Z1 BUS ZONE PROT	ISOLATED NORMAL	10BBY01 AA001 X00 035/037	10BYB01 XH 039 GH	W/1P Bk/1P	10BBY8001	UVG8ACV		405	A 1	H/W 404
10BBY02 XW53	6 6kV SERV BD 1 BUS ZONE PROT	TRIP NORMAL	10BBY02 AA001 X00 021/023	10BYB01 XH 041 AB	Be/1P R/1P	10BBY8002	UVG8ACV		406	A 2	H/W 405
10BBY02 XW51	6 6kV SERV BD 1 BUS ZONE DC	FAIL NORMAL	10BBY02 AA001 X00 025/029	10BYB01 XH 041 CD	Gy/1P Y/1P	10BBY8002	UVG8ACV		407	A 1	H/W 406
10BBY02 XW59	6 6kV SERV BD 1 BUS ZONE DISCREP	ALARM NORMAL	10BBY02 AA001 X00 031/033	10BYB01 XH 041 EF	Gn/1P Bn/1P	10BBY8002	UVG8ACV		408	A 1	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
10BBY02 ES001 XW60	6 6kV SERV BD 1 Z1 BUS ZONE PROT	ISOLATED NORMAL	10BBY02 AA001 X00 035/037	10BYB01 XH 041 GH	W/1P Bk/1P	10BBY8002	UVG8ACV		409	A 3	H/W 408
10BBT10 GT100 XW56	UNIT TRFR 1A WINDING TEMP	ALARM NORMAL	10BBY11 CA001 X02 009/020	10BYB01 XH 043 AB	Be/1P R/1P	10BBY8003	UVG8ACV		410	A 1	H/W 409
10BBT10 GT100 XW57	UNIT TRFR 1A OIL TEMP	ALARM NORMAL	10BBY11 CA001 X02 010/021	10BYB01 XH 043 CD	Gy/1P Y/1P	10BBY8003	UVG8ACV		411	A 1	H/W 410
10BBT10 GT100 XW55	UNIT TRFR 1A BUCH	ALARM NORMAL	10BBY11 CA001 X02 011/022	10BYB01 XH 043 EF	Gn/1P Bn/1P	10BBY8003	UVG8ACV		412	A 1	H/W 411
10BBT10 GT100 XW35	UNIT TRFR 1A COOLER	FAIL NORMAL	10BBY11 CA001 X02 018/029	10BYB01 XH 043 GH	W/1P Bk/1P	10BBY8003	UVG8ACV		413	A 1	H/W 412
10BBT10 GT100 XW96	UNIT TRFR 1A OIL LEVEL	LOW NORMAL	10BBY11 CA001 X02 015/026	10BYB01 XH 044 GH	W/2P Bk/2P	10BBY8003	UVG8ACV		414	A 1	H/W 413
10BBT20 GT100 XW56	UNIT TRFR 1B WINDING TEMP	ALARM NORMAL	10BBY21 CA001 X02 009/020	10BYB01 XH 045 AB	Be/1P R/1P	10BBY8004	UVG8ACV		415	A 1	H/W 414
10BBT20 GT100 XW57	UNIT TRFR 1B OIL TEMP	ALARM NORMAL	10BBY21 CA001 X02 010/021	10BYB01 XH 045 CD	Gy/1P Y/1P	10BBY8004	UVG8ACV		416	A 1	H/W 415
10BBT20 GT100 XW55	UNIT TRFR 1B BUCH	ALARM NORMAL	10BBY21 CA001 X02 011/022	10BYB01 XH 045 EF	Gn/1P Bn/1P	10BBY8004	UVG8ACV		417	A 1	H/W 416
10BBT20 GT100 XW35	UNIT TRFR 1B COOLER	FAIL NORMAL	10BBY21 CA001 X02 018/029	10BYB01 XH 045 GH	W/1P Bk/1P	10BBY8004	UVG8ACV		418	A 1	H/W 417
10BBT20 GT100 XW96	UNIT TRFR 1B OIL LEVEL	LOW NORMAL	10BBY21 CA001 X02 015/026	10BYB01 XH 046 AB	Be/2P R/2P	10BBY8004	UVG8ACV		419	A 1	H/W 418
10BFB00 XW51	380V UNIT STANDBY BD 1 DC	FAIL NORMAL	10BFB01 AA001 X05 137/138	10BYB01 XH 047 AB	Be/1P R/1P	10BFB8201	UVG4ACV		420	A 1	H/W 419
10BFB00 XW54	380V UNIT STANDBY BD 1 U/V	ALARM NORMAL	10BFB01 AA001 X05 170/171	10BYB01 XH 047 CD	Gy/1P Y/1P	10BFB8201	UVG4ACV	I 21 4	421	A 1	H/W 420
10MKA10 EW001 XW22	GEN 1 M1 GROUP	TRIP NORMAL	10BAY01 AA001 X24 007/014	10BYB01 XH 004 AB	Be/1P R/1P	10BAY8001	UVG48ACV	I 22 2	422	A 2	H/W 421
10MKA10 AA001 XW53	GEN 1 DIFF R PHASE	TRIP NORMAL	10BAY01 AA001 X23 001/008	10BYB01 XH 004 CD	Gy/1P Y/1P	10BAY8001	UVG48ACV		423	A 2	H/W 422
10MKA10 XW21	GEN 1 POLE SLIP	TRIP NORMAL	10BAY01 AA001 X32 002/009	10BYB01 XH 004 EF	Gn/1P Bn/1P	10BAY8001	UVG48ACV		424	A 1	H/W 423
10MKA10 EW001 XW10	GEN 1 M1 NEG PHASE SEQUENCE	ALARM NORMAL	10BAY01 AA001 X32 003/010	10BYB01 XH 004 GH	W/1P Bk/1P	10BAY8001	UVG48ACV		425	A 1	H/W 424
10BFF00 XW51	380V U1 FLY ASH BUNK BD DC	FAIL NORMAL	10BFF01 AA001 X05 137/138	10BYB01 XH 053 AB	Be/1P R/1P	10BFF8001	UVG4ACV		426	A 1	H/W 425
10BFF00 XW54	380V U1 FLY ASH BUNKER BD U/V	ALARM NORMAL	10BFF01 AA001 X05 170/171	10BYB01 XH 053 CD	Gy/1P Y/1P	10BFF8001	UVG4ACV	I 21 5	427	A 1	H/W 426
10MKA10 EW001 XW11	GEN 1 M1 NEG PHASE SEQUENCE	TRIP NORMAL	10BAY01 AA001 X32 004/011	10BYB01 XH 005 AB	Be/2P R/2P	10BAY8001	UVG48ACV		428	A 2	H/W 427
10BLA00 XW51	380V UNIT LIGHTING BD 1 DC	FAIL NORMAL	10BLA01 AA001 X05 137/138	10BYB01 XH 055 AB	Be/1P R/1P	10BLA8001	UVG4ACV		429	A 1	H/W 428
10BLA00 XW54	380V UNIT LIGHTING BD 1 U/V	ALARM NORMAL	10BLA01 AA001 X05 170/171	10BYB01 XH 055 CD	Gy/1P Y/1P	10BLA8001	UVG4ACV	I 21 6	430	A 1	H/W 429
10MKA10 XW19	GEN 1 UNDER FREQUENCY	TRIP NORMAL	10BAY01 AA001 X33 001/008	10BYB01 XH 005 EF	Gn/2P Bn/2P	10BAY8001	UVG48ACV		431	A 2	H/W 430
10BTL10 XW61	220V UNIT 1 BATTERY CHGR C	UNHEALTH NORMAL	10BTL10 AA001 X02 025/026	10BYB01 XH 057 AB	Be/1P R/1P	10BTL8001	UVG4ACV		432	A 1	H/W 431

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
10BMA12 XW51	380V U/DIESEL GEN BD 1 CUB12 DC	FAIL NORMAL	10BMA12 AA001 X05 137/138	10BYB01 XH 058 AB	Be/1P R/1P	10BMA8201	UVG4ACV		433	A 1	H/W 432
10MKA10 AA002 XW53	GEN 1 DIFF W PHASE	TRIP NORMAL	10BAY01 AA001 X23 002/009	10BYB01 XH 006 EF	Gn/3P Bn/3P	10BAY8001	UVG48ACV		434	A 2	H/W 433
10BMA13 XW51	380V U/DIESEL GEN BD 1 CUB13 DC	FAIL NORMAL	10BMA13 AA001 X05 137/138	10BYB01 XH 059 AB	Be/1P R/1P	10BMA8202	UVG4ACV		435	A 1	H/W 434
10BMA14 XW51	380V U/DIESEL GEN BD 1 CUB14 DC	FAIL NORMAL	10BMA14 AA001 X05 137/138	10BYB01 XH 060 AB	Be/1P R/1P	10BMA8203	UVG4ACV		436	A 1	H/W 435
10BMA15 XW51	380V U/DIESEL GEN BD 1 CUB15 DC	FAIL NORMAL	10BMA15 AA001 X05 137/138	10BYB01 XH 061 AB	Be/1P R/1P	10BMA8204	UVG4ACV		437	A 1	H/W 436
10BMB00 XW54	380V U1 LIGHTING ESSEN BD U/V	ALARM NORMAL	10BMB01 AA001 X05 289/290	10BYB01 XH 062 AB	Be/1P R/1P	10BMB8001	UVG4ACV	I 22 0	438	A 1	H/W 437
10XKA10 XW96	UNIT 1 DIESEL GEN FUEL	LOW NORMAL	10BMY02 AA001 X05 219/220	10BYB01 XH 063 AB	Be/1P R/1P	10BMY8001	UVG8ACV		439	A 1	H/W 438
10BMA00 XW65	UNIT 1 DIESEL GEN 380V SYSTEM	UNHEALTH NORMAL	10BMY02 AA001 X05 225/226	10BYB01 XH 063 CD	Gy/1P Y/1P	10BMY8001	UVG8ACV		440	A 1	H/W 439
10XKA10 XB01	UNIT 1 DIESEL GEN	RUNNING STOPPED	10BMY02 AA001 X05 193/194	10BYB01 XH 063 EF	Gn/1P Bn/1P	10BMY8001	UVG8ACV		441	A 3	H/W 440
10XKA10 XW64	UNIT 1 DIESEL GEN 3 3kV SYSTEM	UNHEALTH NORMAL	10BMY02 AA001 X05 222/223	10BYB01 XH 063 GH	W/1P Bk/1P	10BMY8001	UVG8ACV		442	A 1	H/W 441
10BTP10 XW61	+24V UNIT 1 BATTERY CHGR A1	UNHEALTH NORMAL	10BTP10 AA001 X02 025/026	10BYB01 XH 065 AB	Be/1P R/1P	10BTP8001	UVG4ACV		443	A 1	H/W 442
10BTP20 XW61	-24V UNIT 1 BATTERY CHGR A2	UNHEALTH NORMAL	10BTP20 AA001 X02 025/026	10BYB01 XH 066 AB	Be/1P R/1P	10BTP8002	UVG4ACV		444	A 1	H/W 443
10BTP30 XW61	+24V UNIT 1 BATTERY CHGR B1	UNHEALTH NORMAL	10BTP30 AA001 X02 025/026	10BYB01 XH 067 AB	Be/1P R/1P	10BTP8003	UVG4ACV		445	A 1	H/W 444
10BTP40 XW61	-24V UNIT 1 BATTERY CHGR B2	UNHEALTH NORMAL	10BTP40 AA001 X02 025/026	10BYB01 XH 068 AB	Be/1P R/1P	10BTP8004	UVG4ACV		446	A 1	H/W 445
10BYA01 XW20	UNIT 1 MEAS PANEL SUPPLY	FAIL NORMAL	10BYA01 AA001 X70 001/002	10BYB01 XW 001 AB	W Be	10BYA8002	TVH10BR		447	A 1	H/W 446
10MKA10 EW001 XW17	GEN 1 M1 REV POWER LONG TIME	TRIP NORMAL	10BAY01 AA001 X36 001/008	10BYB01 XH 006 GH	W/3P Bk/3P	10BAY8001	UVG48ACV		448	A 2	H/W 447
10MKA10 EW001 XW16	GEN 1 M1 REV POWER SHORT TIME	TRIP NORMAL	10BAY01 AA001 X36 002/009	10BYB01 XH 007 AB	Be/4P R/4P	10BAY8001	UVG48ACV		449	A 2	H/W 448
10MKA10 XW76	GEN 1 OVERVOLTAGE	TRIP NORMAL	10BAY01 AA001 X36 005/012	10BYB01 XH 007 CD	Gy/4P Y/4P	10BAY8001	UVG48ACV		450	A 2	H/W 449
10BAT10 GT100 XW12	GEN TRFR 1 OVERFLUXING STAGE 1	ALARM NORMAL	10BAY01 AA001 X31 005/012	10BYB01 XH 007 EF	Gn/4P Bn/4P	10BAY8001	UVG48ACV		451	A 2	H/W 450
10BFT13 XW58	11kV UNIT BD 1A CUB06 TRFR DC	FAIL NORMAL	11BBA06 AA001 X03 061/062	10BYB01 XH 070 AB	Be/1P R/1P	11BBA8015	UVG4ACV		452	A 1	H/W 451
10BFT11 XW58	11kV UNIT BD 1A CUB07 TRFR DC	FAIL NORMAL	11BBA07 AA001 X03 061/062	10BYB01 XH 071 AB	Be/1P R/1P	11BBA8016	UVG4ACV		453	A 1	H/W 452
10BFT31 XW58	11kV UNIT BD 1A CUB08 TRFR DC	FAIL NORMAL	11BBA08 AA001 X03 061/062	10BYB01 XH 072 AB	Be/1P R/1P	11BBA8017	UVG4ACV		454	A 1	H/W 453
11BBA01 XW51	11kV UNIT BD 1A CUB01 DC	FAIL NORMAL	11BBA01 AA001 X03 020/019	10BYB01 XH 073 AB	Be/1P R/1P	11BBA8201	UVG4ACV		455	A 1	H/W 454
11BBA01 XW52	11kV UNIT BD 1A CUB01 T/CCT	FAULT NORMAL	11BBA01 AA001 X03 021/022	10BYB01 XH 073 CD	Gy/1P Y/1P	11BBA8201	UVG4ACV		456	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
11BBA00 XW54	11kV UNIT BD 1A U/V	ALARM NORMAL	11BBA01 AA001 X03 023/024	10BYB01 XH 073 EF	Gn/1P Bn/1P	11BBA8201	UVG4ACV	I 20 1	457	A 1	H/W 456
12BBA00 XW54	11kV UNIT BD 1B U/V	ALARM NORMAL	11BBA01 AA001 X03 025/026	10BYB01 XH 073 GH	W/1P Bk/1P	11BBA8201	UVG4ACV	I 20 2	458	A 1	H/W 457
11BBA03 XW51	11kV UNIT BD 1A CUB03 DC	FAIL NORMAL	11BBA03 AA001 X03 044/043	10BYB01 XH 074 AB	Be/1P R/1P	11BBA8203	UVG4ACV		459	A 1	H/W 458
11BBA03 XW52	11kV UNIT BD 1A CUB03 T/CCT	FAULT NORMAL	11BBA03 AA001 X03 045/046	10BYB01 XH 074 CD	Gy/1P Y/1P	11BBA8203	UVG4ACV		460	A 1	H/W 459
11BBA03 XW53	11kV UNIT BD 1A CUB03 PROT	TRIP NORMAL	11BBA03 AA001 X03 047/048	10BYB01 XH 074 EF	Gn/1P Bn/1P	11BBA8203	UVG4ACV		461	A 2	H/W 460
11BBA05 XW51	11kV UNIT BD 1A CUB05 DC	FAIL NORMAL	11BBA05 AA001 X03 027/028	10BYB01 XH 075 AB	Be/1P R/1P	11BBA8205	UVG8ACV		462	A 1	H/W 461
11BBA05 XW52	11kV UNIT BD 1A CUB05 T/CCT	FAULT NORMAL	11BBA05 AA001 X03 031/032	10BYB01 XH 075 CD	Gy/1P Y/1P	11BBA8205	UVG8ACV		463	A 1	H/W 462
11BBA05 XW53	11kV UNIT BD 1A CUB05 PROT	TRIP NORMAL	11BBA05 AA001 X03 029/030	10BYB01 XH 075 EF	Gn/1P Bn/1P	11BBA8205	UVG8ACV		464	A 2	H/W 463
10BCT10 XW55	11kV UNIT BD 1A CUB05 BUCH	ALARM NORMAL	11BBA05 AA001 X03 055/056	10BYB01 XH 075 GH	W/1P Bk/1P	11BBA8205	UVG8ACV		465	A 1	H/W 464
10BCT10 XW57	11kV UNIT BD 1A CUB05 OIL TEMP	ALARM NORMAL	11BBA05 AA001 X03 057/058	10BYB01 XH 076 AB	Be/2P R/2P	11BBA8205	UVG8ACV		466	A 1	H/W 465
10BCT10 XW56	11kV UNIT BD 1A CUB05 WDG TEMP	ALARM NORMAL	10BBA05 AA001 X03 059/060	10BYB01 XH 076 CD	Gy/2P Y/2P	11BBA8205	UVG8ACV		467	A 1	H/W 466
10MKA10 AA003 XW53	GEN 1 DIFF B PHASE	TRIP NORMAL	10BAY01 AA001 X23 003/010	10BYB01 XH 008 CD	Gy/1O Y/1O	10BAY8001	UVG48ACV		468	A 2	H/W 467
11BBA06 XW51	11kV UNIT BD 1A CUB06 DC	FAIL NORMAL	11BBA06 AA001 X03 043/044	10BYB01 XH 077 AB	Be/1P R/1P	11BBA8206	UVG4ACV		469	A 1	H/W 468
11BBA06 XW52	11kV UNIT BD 1A CUB06 T/CCT	FAULT NORMAL	11BBA06 AA001 X03 045/046	10BYB01 XH 077 CD	Gy/1P Y/1P	11BBA8206	UVG4ACV		470	A 1	H/W 469
11BBA06 XW53	11kV UNIT BD 1A CUB06 PROT	TRIP NORMAL	11BBA06 AA001 X03 047/048	10BYB01 XH 077 EF	Gn/1P Bn/1P	11BBA8206	UVG4ACV		471	A 2	H/W 470
10BFT13 XW56	11kV UNIT BD 1A CUB06 WDG TEMP	ALARM NORMAL	11BBA06 AA001 X03 059/060	10BYB01 XH 077 GH	W/1P Bk/1P	11BBA8206	UVG4ACV		472	A 1	H/W 471
11BBA07 XW51	11kV UNIT BD 1A CUB07 DC	FAIL NORMAL	11BBA07 AA001 X03 043/044	10BYB01 XH 078 AB	Be/1P R/1P	11BBA8207	UVG4ACV		473	A 1	H/W 472
11BBA07 XW52	11kV UNIT BD 1A CUB07 T/CCT	FAULT NORMAL	11BBA07 AA001 X03 045/046	10BYB01 XH 078 CD	Gy/1P Y/1P	11BBA8207	UVG4ACV		474	A 1	H/W 473
11BBA07 XW53	11kV UNIT BD 1A CUB07 PROT	TRIP NORMAL	11BBA07 AA001 X03 047/048	10BYB01 XH 078 EF	Gn/1P Bn/1P	11BBA8207	UVG4ACV		475	A 2	H/W 474
10BFT11 XW56	11kV UNIT BD 1A CUB07 WDG TEMP	ALARM NORMAL	11BBA07 AA001 X03 059/060	10BYB01 XH 078 GH	W/1P Bk/1P	11BBA8207	UVG4ACV		476	A 1	H/W 475
11BBA08 XW51	11kV UNIT BD 1A CUB08 DC	FAIL NORMAL	11BBA08 AA001 X03 043/044	10BYB01 XH 079 AB	Be/1P R/1P	11BBA8208	UVG4ACV		477	A 1	H/W 476
11BBA08 XW52	11kV UNIT BD 1A CUB08 T/CCT	FAULT NORMAL	11BBA08 AA001 X03 045/046	10BYB01 XH 079 CD	Gy/1P Y/1P	11BBA8208	UVG4ACV		478	A 1	H/W 477
11BBA08 XW53	11kV UNIT BD 1A CUB08 PROT	TRIP NORMAL	11BBA08 AA001 X03 047/048	10BYB01 XH 079 EF	Gn/1P Bn/1P	11BBA8208	UVG4ACV		479	A 2	H/W 478
10BFT31 XW56	11kV UNIT BD 1A CUB08 WDG TEMP	ALARM NORMAL	11BBA08 AA001 X03 059/060	10BYB01 XH 079 GH	W/1P Bk/1P	11BBA8208	UVG4ACV		480	A 1	H/W 479

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
11BBA09	XW51	11kV UNIT BD 1A CUB09 DC	FAIL NORMAL	11BBA09 AA001 X03 043/044	10BYB01 XH 080 AB	Be/1P R/1P	11BBA8209	UVG8ACV		481	A 1	H/W 480
11BBA09	XW52	11kV UNIT BD 1A CUB09 T/CCT	FAULT NORMAL	11BBA09 AA001 X03 045/046	10BYB01 XH 080 CD	Gy/1P Y/1P	11BBA8209	UVG8ACV		482	A 1	H/W 481
11BBA09	XW53	11kV UNIT BD 1A CUB09 PROT	TRIP NORMAL	11BBA09 AA001 X03 047/048	10BYB01 XH 080 EF	Gn/1P Bn/1P	11BBA8209	UVG8ACV		483	A 2	H/W 482
10BFT41	XW55	11kV UNIT BD 1A CUB09 BUCH	ALARM NORMAL	11BBA09 AA001 X03 055/056	10BYB01 XH 080 GH	W/1P Bk/1P	11BBA8209	UVG8ACV		484	A 1	H/W 483
10BFT41	XW57	11kV UNIT BD 1A CUB09 OIL TEMP	ALARM NORMAL	11BBA09 AA001 X03 057/058	10BYB01 XH 081 AB	Be/2P R/2P	11BBA8209	UVG8ACV		485	A 1	H/W 484
11BBA10	XW51	11kV UNIT BD 1A CUB10 DC	FAIL NORMAL	11BBA10 AA001 X03 028/027	10BYB01 XH 082 AB	Be/1P R/1P	11BBA8210	UVG4ACV		486	A 1	H/W 485
11BBA10	XW52	11kV UNIT BD 1A CUB10 T/CCT	FAULT NORMAL	11BBA10 AA001 X03 031/032	10BYB01 XH 082 CD	Gy/1P Y/1P	11BBA8210	UVG4ACV		487	A 1	H/W 486
11BBA10	XW53	11kV UNIT BD 1A CUB10 PROT	TRIP NORMAL	11BBA10 AA001 X03 029/030	10BYB01 XH 082 EF	Gn/1P Bn/1P	11BBA8210	UVG4ACV		488	A 2	H/W 487
11BBA12	XW51	11kV UNIT BD 1A CUB12 DC	FAIL NORMAL	11BBA12 AA001 X03 043/044	10BYB01 XH 083 AB	Be/1P R/1P	11BBA8212	UVG4ACV		489	A 1	H/W 488
11BBA12	XW52	11kV UNIT BD 1A CUB12 T/CCT	FAULT NORMAL	11BBA12 AA001 X03 045/046	10BYB01 XH 083 CD	Gy/1P Y/1P	11BBA8212	UVG4ACV		490	A 1	H/W 489
11BBA12	XW53	11kV UNIT BD 1A CUB12 PROT	TRIP NORMAL	11BBA12 AA001 X03 047/048	10BYB01 XH 083 EF	Gn/1P Bn/1P	11BBA8212	UVG4ACV		491	A 2	H/W 490
11BCA01	XW51	6 6kV SERV BD 1A CUB01 DC	FAIL NORMAL	11BCA01 AA001 X03 020/019	10BYB01 XH 084 AB	Be/1P R/1P	11BCA8201	UVG4ACV		492	A 1	H/W 491
11BCA01	XW52	6 6kV SERV BD 1A CUB01 T/CCT	FAULT NORMAL	11BCA01 AA001 X03 021/022	10BYB01 XH 084 CD	Gy/1P Y/1P	11BCA8201	UVG4ACV		493	A 1	H/W 492
11BCA00	XW54	6 6kV SERV BD 1A U/V	ALARM NORMAL	11BCA01 AA001 X03 023/024	10BYB01 XH 084 EF	Gn/1P Bn/1P	11BCA8201	UVG4ACV	I 20 0	494	A 1	H/W 493
12BCA00	XW54	6 6kV SERV BD 1B U/V	ALARM NORMAL	11BCA01 AA001 X03 025/026	10BYB01 XH 084 GH	W/1P Bk/1P	11BCA8201	UVG4ACV	I 20 3	495	A 1	H/W 494
11BCA02	XW51	6 6kV SERV BD 1A CUB02 DC	FAIL NORMAL	11BCA02 AA001 X03 038/037	10BYB01 XH 085 AB	Be/1P R/1P	11BCA8202	UVG4ACV		496	A 1	H/W 495
11BCA02	XW52	6 6kV SERV BD 1A CUB02 T/CCT	FAULT NORMAL	11BCA02 AA001 X03 041/042	10BYB01 XH 085 CD	Gy/1P Y/1P	11BCA8202	UVG4ACV		497	A 1	H/W 496
11BCA02	XW53	6 6kV SERV BD 1A CUB02 PROT	TRIP NORMAL	11BCA02 AA001 X03 039/040	10BYB01 XH 085 EF	Gn/1P Bn/1P	11BCA8202	UVG4ACV		498	A 2	H/W 497
10MKA10 EW200	XW20	GEN 1 100% STATOR E/F SUPPLY	FAIL NORMAL	10BAY01 AA001 X52 081/082	10BYB01 XH 012 EF	Gn/1V Bn/1V	10BAY8001	UVG48ACV		499	A 1	H/W 498
10MKA10 EW002	XW17	GEN 1 M2 REV POWER LONG TIME	TRIP NORMAL	10BAY02 AA001 X32 001/008	10BYB01 XH 016 CD	Gy/1P Y/1P	10BAY8002	UVG48ACV		500	A 2	H/W 499
11BFA00	XW54	380V UNIT BD 1A U/V	ALARM NORMAL	11BFA20 AA001 X05 170/171	10BYB01 XH 087 CD	Gy/1P Y/1P	11BFA8201	UVG4ACV	I 20 4	501	A 1	H/W 500
11BFA19	XW51	380V UNIT BD 1A DC	FAIL NORMAL	11BFA19 AA001 X05 137/138	10BYB01 XH 088 AB	Be/1P R/1P	11BFA8202	UVG4ACV		502	A 1	H/W 501
11BFC00	XW51	380V UNIT PRECIP BD 1 DC	FAIL NORMAL	11BFC02 AA001 X05 137/138	10BYB01 XH 089 AB	Be/1P R/1P	11BFC8035	UVG4ACV		503	A 1	H/W 502
10MKA10 EW002	XW16	GEN 1 M2 REV POWER SHORT TIME	TRIP NORMAL	10BAY02 AA001 X32 002/009	10BYB01 XH 016 EF	Gn/1P Bn/1P	10BAY8002	UVG48ACV		504	A 2	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
11BFC00 XW54	380V UNIT PRECIP BD 1A U/V	ALARM NORMAL	11BFC02 AA001 X05 170/171	10BYB01 XH 090 CD	Gy/1P Y/1P	11BFC8036	UVG4ACV	I 20 5	505	A 1	H/W 504
10MKA10 EW002 XW10	GEN 1 M2 NEG PHASE SEQUENCE	ALARM NORMAL	10BAY02 AA001 X32 003/010	10BYB01 XH 016 GH	W/1P Bk/1P	10BAY8002	UVG48ACV		506	A 1	H/W 505
11BUA00 XW54	220V DC UNIT BD 1A SUPPLY	FAIL NORMAL	11BUA01 AAOO1 X02 001/003	10BYB01 XH 091 CD	Gy/1P Y/1P	11BUA8001	UVG4ACV		507	A 1	H/W 506
10MKA10 XW13	GEN 1 BACK UP IMPEDANCE	TRIP NORMAL	10BAY02 AA001 X32 006/013	10BYB01 XH 017 CD	Gy/2P Y/2P	10BAY8002	UVG48ACV		508	A 2	H/W 507
10MKA10 XW18	GEN 1 POWER PLANT DISCONNECTION	TRIP NORMAL	10BAY02 AA001 X33 001/008	10BYB01 XH 017 EF	Gn/2P Bn/2P	10BAY8002	UVG48ACV		509	A 2	H/W 508
10MKA10 EW102 XW85	GEN 1 ROTOR E/F < 5 K OHM	TRIP NORMAL	10BAY02 AA001 X33 003/010	10BYB01 XH 018 AB	Be/3P R/3P	10BAY8002	UVG48ACV		510	A 2	H/W 509
10MKA10 XW15	GEN 1 LOSS OF FIELD STAGE 2	TRIP NORMAL	10BAY02 AA001 X33 004/011	10BYB01 XH 018 CD	Gy/3P Y/3P	10BAY8002	UVG48ACV		511	A 2	H/W 510
10BFT12 XW58	11kV UNIT BD 1B CUB06 TRFR DC	FAIL NORMAL	12BBA06 AA001 X03 061/062	10BYB01 XH 093 AB	Be/1P R/1P	12BBA8015	UVG4ACV		512	A 1	H/W 511
10BFT14 XW58	11kV UNIT BD 1B CUB07 TRFR DC	FAIL NORMAL	12BBA07 AA001 X03 061/062	10BYB01 XH 094 AB	Be/1P R/1P	12BBA8016	UVG4ACV		513	A 1	H/W 512
10BFT32 XW58	11kV UNIT BD 1B CUB08 TRFR DC	FAIL NORMAL	12BBA08 AA001 X03 061/062	10BYB01 XH 095 AB	Be/1P R/1P	12BBA8017	UVG4ACV		514	A 1	H/W 513
10BFT61 XW58	11kV UNIT BD 1B CUB10 TRFR DC	FAIL NORMAL	12BBA10 AA001 X03 061/062	10BYB01 XH 096 AB	Be/1P R/1P	12BBA8018	UVG4ACV		515	A 1	H/W 514
12BBA03 XW51	11kV UNIT BD 1B CUB03 DC	FAIL NORMAL	12BBA03 AA001 X03 044/043	10BYB01 XH 097 AB	Be/1P R/1P	12BBA8203	UVG4ACV		516	A 1	H/W 515
12BBA03 XW52	11kV UNIT BD 1B CUB03 T/CCT	FAULT NORMAL	12BBA03 AA001 X03 045/046	10BYB01 XH 097 CD	Gy/1P Y/1P	12BBA8203	UVG4ACV		517	A 1	H/W 516
12BBA03 XW53	11kV UNIT BD 1B CUB03 PROT	TRIP NORMAL	12BBA03 AA001 X03 047/048	10BYB01 XH 097 EF	Gn/1P Bn/1P	12BBA8203	UVG4ACV		518	A 2	H/W 517
12BBA05 XW51	11kV UNIT BD 1B CUB05 DC	FAIL NORMAL	12BBA05 AA001 X03 027/028	10BYB01 XH 098 AB	Be/1P R/1P	12BBA8205	UVG8ACV		519	A 1	H/W 518
12BBA05 XW52	11kV UNIT BD 1B CUB05 T/CCT	FAULT NORMAL	12BBA05 AA001 X03 031/032	10BYB01 XH 098 CD	Gy/1P Y/1P	12BBA8205	UVG8ACV		520	A 1	H/W 519
12BBA05 XW53	11kV UNIT BD 1B CUB05 PROT	TRIP NORMAL	12BBA05 AA001 X03 029/030	10BYB01 XH 098 EF	Gn/1P Bn/1P	12BBA8205	UVG8ACV		521	A 2	H/W 520
10BCT20 XW55	11kV UNIT BD 1B CUB05 BUCH	ALARM NORMAL	12BBA05 AA001 X03 055/056	10BYB01 XH 098 GH	W/1P Bk/1P	12BBA8205	UVG8ACV		522	A 1	H/W 521
10BCT20 XW57	11kV UNIT BD 1B CUB05 OIL TEMP	ALARM NORMAL	12BBA05 AA001 X03 057/058	10BYB01 XH 099 AB	Be/2P R/2P	12BBA8205	UVG8ACV		523	A 1	H/W 522
10BCT20 XW56	11kV UNIT BD 1B CUB05 WDG TEMP	ALARM NORMAL	12BBA05 AA001 X03 059/060	10BYB01 XH 099 CD	Gy/2P Y/2P	12BBA8205	UVG8ACV		524	A 1	H/W 523
10MKA10 XW38	GEN 1 OVERFLUXING STAGE 1	TRIP NORMAL	10BAY02 AA001 X33 006/013	10BYB01 XH 018 GH	W/3P Bk/3P	10BAY8002	UVG48ACV		525	A 2	H/W 524
12BBA06 XW51	11kV UNIT BD 1B CUB06 DC	FAIL NORMAL	12BBA06 AA001 X03 043/044	10BYB01 XH 100 AB	Be/1P R/1P	12BBA8206	UVG4ACV		526	A 1	H/W 525
12BBA06 XW52	11kV UNIT BD 1B CUB06 T/CCT	FAULT NORMAL	12BBA06 AA001 X03 045/046	10BYB01 XH 100 CD	Gy/1P Y/1P	12BBA8206	UVG4ACV		527	A 1	H/W 526
12BBA06 XW53	11kV UNIT BD 1B CUB06 PROT	TRIP NORMAL	12BBA06 AA001 X03 047/048	10BYB01 XH 100 EF	Gn/1P Bn/1P	12BBA8206	UVG4ACV		528	A 2	H/W 527

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
10BFT12	XW56	11kV UNIT BD 1B CUB06 WDG TEMP	ALARM NORMAL	12BBA06 AA001 X03 059/060	10BYB01 XH 100 GH	W/1P Bk/1P	12BBA8206	UVG4ACV		529	A 1	H/W 528
12BBA07	XW51	11kV UNIT BD 1B CUB07 DC	FAIL NORMAL	12BBA07 AA001 X03 043/044	10BYB01 XH 101 AB	Be/1P R/1P	12BBA8207	UVG4ACV		530	A 1	H/W 529
12BBA07	XW52	11kV UNIT BD 1B CUB07 T/CCT	FAULT NORMAL	12BBA07 AA001 X03 045/046	10BYB01 XH 101 CD	Gy/1P Y/1P	12BBA8207	UVG4ACV		531	A 1	H/W 530
12BBA07	XW53	11kV UNIT BD 1B CUB07 PROT	TRIP NORMAL	12BBA07 AA001 X03 047/048	10BYB01 XH 101 EF	Gn/1P Bn/1P	12BBA8207	UVG4ACV		532	A 2	H/W 531
10BFT14	XW56	11kV UNIT BD 1B CUB07 WDG TEMP	ALARM NORMAL	12BBA07 AA001 X03 059/060	10BYB01 XH 101 GH	W/1P Bk/1P	12BBA8207	UVG4ACV		533	A 1	H/W 532
12BBA08	XW51	11kV UNIT BD 1B CUB08 DC	FAIL NORMAL	12BBA08 AA001 X03 043/044	10BYB01 XH 102 AB	Be/1P R/1P	12BBA8208	UVG4ACV		534	A 1	H/W 533
12BBA08	XW52	11kV UNIT BD 1B CUB08 T/CCT	FAULT NORMAL	12BBA08 AA001 X03 045/046	10BYB01 XH 102 CD	Gy/1P Y/1P	12BBA8208	UVG4ACV		535	A 1	H/W 534
12BBA08	XW53	11kV UNIT BD 1B CUB08 PROT	TRIP NORMAL	12BBA08 AA001 X03 047/048	10BYB01 XH 102 EF	Gn/1P Bn/1P	12BBA8208	UVG4ACV		536	A 2	H/W 535
10BFT32	XW56	11kV UNIT BD 1B CUB08 WDG TEMP	ALARM NORMAL	12BBA08 AA001 X03 059/060	10BYB01 XH 102 GH	W/1P Bk/1P	12BBA8208	UVG4ACV		537	A 1	H/W 536
12BBA09	XW51	11kV UNIT BD 1B CUB09 DC	FAIL NORMAL	12BBA09 AA001 X03 043/044	10BYB01 XH 103 AB	Be/1P R/1P	12BBA8209	UVG8ACV		538	A 1	H/W 537
12BBA09	XW52	11kV UNIT BD 1B CUB09 T/CCT	FAULT NORMAL	12BBA09 AA001 X03 045/046	10BYB01 XH 103 CD	Gy/1P Y/1P	12BBA8209	UVG8ACV		539	A 1	H/W 538
12BBA09	XW53	11kV UNIT BD 1B CUB09 PROT	TRIP NORMAL	12BBA09 AA001 X03 047/048	10BYB01 XH 103 EF	Gn/1P Bn/1P	12BBA8209	UVG8ACV		540	A 2	H/W 539
10BFT42	XW55	11kV UNIT BD 1B CUB09 BUCH	ALARM NORMAL	12BBA09 AA001 X03 055/056	10BYB01 XH 103 GH	W/1P Bk/1P	12BBA8209	UVG8ACV		541	A 1	H/W 540
10BFT42	XW57	11kV UNIT BD 1B CUB09 OIL TEMP	ALARM NORMAL	12BBA09 AA001 X03 057/058	10BYB01 XH 104 AB	Be/2P R/2P	12BBA8209	UVG8ACV		542	A 1	H/W 541
12BBA10	XW51	11kV UNIT BD 1B CUB10 DC	FAIL NORMAL	12BBA10 AA001 X03 043/044	10BYB01 XH 105 AB	Be/1P R/1P	12BBA8210	UVG4ACV		543	A 1	H/W 542
12BBA10	XW52	11kV UNIT BD 1B CUB10 T/CCT	FAULT NORMAL	12BBA10 AA001 X03 045/046	10BYB01 XH 105 CD	Gy/1P Y/1P	12BBA8210	UVG4ACV		544	A 1	H/W 543
12BBA10	XW53	11kV UNIT BD 1B CUB10 PROT	TRIP NORMAL	12BBA10 AA001 X03 047/048	10BYB01 XH 105 EF	Gn/1P Bn/1P	12BBA8210	UVG4ACV		545	A 2	H/W 544
10BFT61	XW56	11kV UNIT BD 1B CUB10 WDG TEMP	ALARM NORMAL	12BBA10 AA001 X03 059/060	10BYB01 XH 105 GH	W/1P Bk/1P	12BBA8210	UVG4ACV		546	A 1	H/W 545
12BBA11	XW51	11kV UNIT BD 1B CUB11 DC	FAIL NORMAL	12BBA11 AA001 X03 043/044	10BYB01 XH 106 AB	Be/1P R/1P	12BBA8211	UVG8ACV		547	A 1	H/W 546
12BBA11	XW52	11kV UNIT BD 1B CUB11 T/CCT	FAULT NORMAL	12BBA11 AA001 X03 045/046	10BYB01 XH 106 CD	Gy/1P Y/1P	12BBA8211	UVG8ACV		548	A 1	H/W 547
12BBA11	XW53	11kV UNIT BD 1B CUB11 PROT	TRIP NORMAL	12BBA11 AA001 X03 047/048	10BYB01 XH 106 EF	Gn/1P Bn/1P	12BBA8211	UVG8ACV		549	A 2	H/W 548
10BFT71	XW55	11kV UNIT BD 1B CUB11 BUCH	ALARM NORMAL	12BBA11 AA001 X03 055/056	10BYB01 XH 106 GH	W/1P Bk/1P	12BBA8211	UVG8ACV		550	A 1	H/W 549
10BFT71	XW57	11kV UNIT BD 1B CUB11 OIL TEMP	ALARM NORMAL	12BBA11 AA001 X03 057/058	10BYB01 XH 107 AB	Be/2P R/2P	12BBA8211	UVG8ACV		551	A 1	H/W 550
12BBA12	XW51	11kV UNIT BD 1B CUB12 DC	FAIL NORMAL	12BBA12 AA001 X03 043/044	10BYB01 XH 108 AB	Be/1P R/1P	12BBA8212	UVG4ACV		552	A 1	H/W 551

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
12BBA12 XW52	11kV UNIT BD 1B CUB12 T/CCT	FAULT NORMAL	12BBA12 AA001 X03 045/046	10BYB01 XH 108 CD	Gy/1P Y/1P	12BBA8212	UVG4ACV		553	A 1	H/W 552
12BBA12 XW53	11kV UNIT BD 1B CUB12 PROT	TRIP NORMAL	12BBA12 AA001 X03 047/048	10BYB01 XH 108 EF	Gn/1P Bn/1P	12BBA8212	UVG4ACV		554	A 2	H/W 553
12BCA01 XW51	6 6kV SERV BD 1B CUB01 DC	FAIL NORMAL	12BCA01 AA001 X03 038/037	10BYB01 XH 109 AB	Be/1P R/1P	12BCA8201	UVG4ACV		555	A 1	H/W 554
12BCA01 XW52	6 6kV SERV BD 1B CUB01 T/CCT	FAULT NORMAL	12BCA01 AA001 X03 041/042	10BYB01 XH 109 CD	Gy/1P Y/1P	12BCA8201	UVG4ACV		556	A 1	H/W 555
12BCA01 XW53	6 6kV SERV BD 1B CUB01 PROT	TRIP NORMAL	12BCA01 AA001 X03 039/040	10BYB01 XH 109 EF	Gn/1P Bn/1P	12BCA8201	UVG4ACV		557	A 2	H/W 556
10MKA10 EW201 XW85	GEN 1 90% STATOR E/F	TRIP NORMAL	10BAY02 AA001 X33 007/014	10BYB01 XH 019 AB	Be/4P R/4P	10BAY8002	UVG48ACV		558	A 2	H/W 557
10MKA10 XW33	GEN 1 OVERFLUXING STAGE 2	TRIP NORMAL	10BAY02 AA001 X33 005/012	10BYB01 XH 019 CD	Gy/4P Y/4P	10BAY8002	UVG48ACV		559	A 2	H/W 558
12BFA00 XW54	380V UNIT BD 1B U/V	ALARM NORMAL	12BFA18 AA001 X05 170/171	10BYB01 XH 111 CD	Gy/1P Y/1P	12BFA8201	UVG4ACV	I 20 6	560	A 1	H/W 559
12BFA17 XW51	380V UNIT BD 1B DC	FAIL NORMAL	11BFA17 AA001 X05 137/138	10BYB01 XH 112 AB	Be/1P R/1P	12BFA8202	UVG4ACV		561	A 1	H/W 560
10BAY04 XW71	GEN 1 LOCAL CONTROL PANEL	ENABLED NORMAL	10BAY04 AA001 X05 090/091	10BYB01 XH 003 AB	Be/1P R/1P	10BAY8011	UVG4ACV		562	A 3	H/W 561
12BFC00 XW54	380V UNIT PRECIP BD 1B U/V	ALARM NORMAL	12BFC02 AA001 X05 170/171	10BYB01 XH 113 CD	Gy/1P Y/1P	12BFC8035	UVG4ACV	I 20 7	563	A 1	H/W 562
12BUD01 XW51	24V DC UNIT BD 1B SUPPLY	FAIL NORMAL	12BUD01 AA001 X02 001/003	10BYB01 XH 092 AB	Be/1P R/1P	12BUD8001	UVG4ACV		564	A 1	H/W 563
12BUA00 XW54	220V DC UNIT BD 1B SUPPLY	FAIL NORMAL	12BUA01 AAOO1 X02 001/003	10BYB01 XH 114 CD	Gy/1P Y/1P	12BUA8001	UVG4ACV		565	A 1	H/W 564
10BAT10 GT100 XW96	GEN TRFR 1 OIL LEVEL	LOW NORMAL	10BAY13 AA001 X01 007/018	10BYB01 XH 028 GH	W/1P Bk/1P	10BAY8006	UVG8ACV		566	A 1	H/W 565
13BFA00 XW54	380V UNIT BD 1C U/V	ALARM NORMAL	13BFA20 AA001 X05 170/171	10BYB01 XH 115 CD	Gy/1P Y/1P	13BFA8001	UVG4ACV	I 21 0	567	A 1	H/W 566
10MKA10 EW100 XW65	GEN 1 ROTOR E/F PROTECTION	UNHEALTH NORMAL	10BAY02 AA001 X34 006/013	10BYB01 XH 032 EF	Gn/1P Bn/1P	10BAY8008	UVG8ACV		568	A 1	H/W 567
13BFA19 XW51	380V UNIT BD 1C DC	FAIL NORMAL	13BFA19 AA001 X05 137/138	10BYB01 XH 116 AB	Be/1P R/1P	13BFA8002	UVG4ACV		569	A 1	H/W 568
13BUA00 XW54	220V DC UNIT BD 1C SUPPLY	FAIL NORMAL	13BUA01 AA001 X02 001/003	10BYB01 XH 118 AB	Be/1P R/1P	13BUA8001	UVG4ACV		570	A 1	H/W 569
13BUA00 XW27	220V DC UNIT BD 1C EARTH	FAULT NORMAL	13BUA01 AA001 X02 004/005	10BYB01 XH 118 CD	Gy/1P Y/1P	13BUA8001	UVG4ACV		571	A 1	H/W 570
10CJN03 XW24	GEN 1 FIELD BREAKER	TRIP NORMAL	10BAY02 AA001 X35 007/014	10BYB01 XH 033 AB	Be/2P R/2P	10BAY8008	UVG8ACV		572	A 2	H/W 571
14BFA00 XW54	380V UNIT BD 1D U/V	ALARM NORMAL	14BFA18 AA001 X05 170/171	10BYB01 XH 119 CD	Gy/1P Y/1P	14BFA8001	UVG4ACV	I 21 2	573	A 1	H/W 572
14BFA17 XW51	380V UNIT BD 1D DC	FAIL NORMAL	14BFA17 AA001 X05 137/138	10BYB01 XH 120 AB	Be/1P R/1P	14BFA8002	UVG4ACV		574	A 1	H/W 573
14BFC00 XW54	380V U/DUST HAND BD 1B U/V	ALARM NORMAL	14BFC01 AA001 X05 170/171	10BYB01 XH 121 AB	Be/1P R/1P	14BFC8001	UVG4ACV	I 21 3	575	A 1	H/W 574
13BFC00 XW54	380V U/DUST HAND BD 1A U/V	ALARM NORMAL	13BFC02 AA001 X05 170/171	10BYB01 XH 122 AB	Be/1P R/1P	13BFC8001	UVG4ACV	I 21 1	576	A 1	H/W 575

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
11BUA00 XW27	220V DC UNIT BD 1A EARTH (ELDEC)	UNHEALTH NORMAL	11BUA01 AA001 X02 004/005	10BYB01 XH 091 AB	Be/1P R/1P	11BUA8001	UVG4ACV		577	A 1	H/W 576
12BUA00 XW27	220V DC UNIT BD 1B EARTH (ELDEC)	UNHEALTH NORMAL	12BUA01 AA001 X02 004/005	10BYB01 XH 114 AB	Be/1P R/1P	12BUA8001	UVG4ACV		578	A 1	H/W 577
10BBY01 ES002 XW60	11kV UNIT BD 1 Z2 BUS ZONE PROT	ISOLATED NORMAL	10BBY01 AA001 X00 039/041	10BYB01 XH 040 AB	Be/2P R/2P	10BBY8001	UVG8ACV		579	A 1	H/W 578
10BBY02 ES002 XW60	6 6kV SERV BD 1 Z2 BUS ZONE PROT	ISOLATED NORMAL	10BBY02 AA001 X00 039/041	10BYB01 XH 042 AB	Be/2P R/2P	10BBY8002	UVG8ACV		580	A 3	H/W 579
10BBT10 GT200 XW57	UNIT TRFR 1A 11kV E/R OIL TEMP	ALARM NORMAL	10BBY11 AA001 X02 014/024	10BYB01 XH 044 CD	Gy/2P Y/2P	10BBY8003	UVG8ACV		581	A 1	H/W 580
10BBT20 GT200 XW57	UNIT TRFR 1B 11kV E/R OIL TEMP	ALARM NORMAL	10BBY21 AA001 X02 014/024	10BYB01 XH 046 CD	Gy/2P Y/2P	10BBY8004	UVG8ACV		582	A 1	H/W 581
10BMY00 XW64	UNIT 1 DIESEL GEN ALARM PANEL	ACTIVE NORMAL	10BMY02 AA001 X05 234/235	10BYB01 XH 064 AB	Be/2P R/2P	10BMY8001	UVG8ACV		583	A 1	H/W 582
13BFC00 XW51	380V U/DUST HAND BD 1 DC	FAIL NORMAL	13BFC02 AA001 XO5 137/138	10BYB01 XH 122 CD	Gy/1P Y/1P	13BFC8001	UVG4ACV		584	A 1	H/W 583
10BBA00 EH001 XW51	11kV UNIT BD 1 220V DC SUPPLY	FAIL NORMAL	11BBA01 AA001 X03 027/028	10BYB01 XH 069 AB	Be/1P R/1P	11BBA8002	UVG4ACV		585	A 1	H/W 584
11BBA00 XW51	11kV UNIT BD 1A EFP's DC	FAIL NORMAL	11BBA02 AA001 X03 043/044	10BYB01 XH 048 AB	Be/1P R/1P	11BBA8202	UVG4ACV		586	A 1	H/W 585
11BBA00 XW52	11kV UNIT BD 1A EFP's T/CCT	FAULT NORMAL	11BBA02 AA001 X03 045/046	10BYB01 XH 048 CD	Gy/1P Y/1P	11BBA8202	UVG4ACV		587	A 1	H/W 586
11BBA00 XW53	11kV UNIT BD 1A EFP's PROT	TRIP NORMAL	11BBA02 AA001 X03 047/048	10BYB01 XH 048 EF	Gn/1P Bn/1P	11BBA8202	UVG4ACV		588	A 2	H/W 587
11BCA00 EH001 XW51	6 6kV SERV BD 1 220V DC SUPPLY	FAIL NORMAL	11BCA01 AA001 X03 027/028	10BYB01 XH 052 AB	Be/1P R/1P	11BCA8002	UVG4ACV		589	A 1	H/W 588
11BCA00 XW51	6 6kV SERV BD 1A MTR CCT's DC	FAIL NORMAL	11BCA03 AA001 X03 033/034	10BYB01 XH 050 AB	Be/1P R/1P	11BCA8203	UVG4ACV		590	A 1	H/W 589
11BCA00 XW52	6 6kV SERV BD 1A MTR CCT's T/CCT	FAULT NORMAL	11BCA03 AA001 X03 035/036	10BYB01 XH 050 CD	Gy/1P Y/1P	11BCA8203	UVG4ACV		591	A 1	H/W 590
11BCA00 XW53	6 6kV SERV BD 1A MTR CCT's PROT	TRIP NORMAL	11BCA03 AA001 X03 039/040	10BYB01 XH 050 EF	Gn/1P Bn/1P	11BCA8203	UVG4ACV		592	A 2	H/W 591
10BFL00 XW54	380V U/AIRCON BD 1 PHASE FAIL	ALARM NORMAL	11BFL01 AA001 X05 001/002	10BYB01 XH 054 AB	Be/1P R/1P	11BFL8001	UVG4ACV		593	A 1	H/W 592
11BUD01 XW51	24V DC UNIT BD 1A SUPPLY	FAIL NORMAL	11BUD01 AA001 X02 001/003	10BYB01 XH 056 AB	Be/1P R/1P	11BUD8001	UVG4ACV		594	A 1	H/W 593
12BCA00 XW51	6 6kV SERV BD 1B MTR CCT's DC	FAIL NORMAL	12BCA02 AA001 X03 033/034	10BYB01 XH 124 AB	Be/1P R/1P	12BCA8003	UVG4ACV		595	A 1	H/W 594
12BCA00 XW52	6 6kV SERV BD 1B MTR CCT's T/CCT	FAULT NORMAL	12BCA02 AA001 X03 035/036	10BYB01 XH 124 CD	Gy/1P Y/1P	12BCA8003	UVG4ACV		596	A 1	H/W 595
12BCA00 XW53	6 6kV SERV BD 1B MTR CCT's PROT	TRIP NORMAL	12BCA02 AA001 X03 039/040	10BYB01 XH 124 EF	Gn/1P Bn/1P	12BCA8003	UVG4ACV		597	A 2	H/W 596
10BMA00 XW54	380V U/DIESEL GEN BD 1 U/V	ALARM NORMAL	10BMY02 AA001 X05 237/238	10BYB01 XH 064 CD	Gy/2P Y/2P	10BMY8001	UVG8ACV	I 22 1	598	A 1	H/W 597
01BAC00 XW46	GEN 1,2,3 22kV BKR COMP PRESSURE	HIGH NORMAL	01BAC00 AA001 X01 029/030	10BYB01 XH 051 AB	Be/1P R/1P	01BAC8001	UVG4ACV		599	A 1	H/W 598
01BAC00 XW53	GEN 1,2,3 22kV BKR COMPRESSOR	FAULT NORMAL	01BAC00 AA001 X01 023/024	10BYB01 XH 051 CD	Gy/1P Y/1P	01BAC8001	UVG4ACV		600	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
12BBA00 XW51	11kV UNIT BD 1B EFP's DC	FAIL NORMAL	12BBA01 AA001 X03 043/044	10BYB01 XH 110 AB	Be/1P R/1P	12BBA8202	UVG4ACV		601	A 1	H/W 600
12BBA00 XW52	11kV UNIT BD 1B EFP's T/CCT	FAULT NORMAL	12BBA01 AA001 X03 045/046	10BYB01 XH 110 CD	Gy/1P Y/1P	12BBA8202	UVG4ACV		602	A 1	H/W 601
12BBA00 XW53	11kV UNIT BD 1B EFP's PROT	TRIP NORMAL	12BBA01 AA001 X03 047/048	10BYB01 XH 110 EF	Gn/1P Bn/1P	12BBA8202	UVG4ACV		603	A 2	H/W 602
10BAC00 XW35	GEN 1 22kV BKR COOLING FANS	UNHEALTH NORMAL	10BAY30 AA001 X03 052/053	10BYB01 XH 030 GH	W/1P Bk/1P	10BAY8007	UVG8ACV		604	A 1	H/W 603
00BTW25 XW54	STN 24V PLC UPS RECTIFIER PANEL	FAULT NORMAL	00BTW25 AA001 X02 017/018	10BYB01 XH 127 AB	Be/1P R/1P	00BTW8002	UVG4ACV		605	A 1	H/W 604
00BTY21 XW58	50V SCALD BATTERY CHARGER	UNHEALTH NORMAL	00BTY21 AA001 X01 246/248	10BYB01 XH 128 AB	Be/1P R/1P	00BTY8001	UVG4ACV		606	A 1	H/W 605
00BTW10 XW54	PA SYSTEM BATTERY CHARGER	UNHEALTH NORMAL	00BTW10 AA001 X01 051/062	10BYB01 XH 125 AB	Be/1P R/1P	00BTW8003	UVG4ACV		607	A 1	H/W 606
00BTW22 XW58	STN 220V UPS	UNHEALTH NORMAL	00BTW22 AA001 X04 002/013	10BYB01 XH 126 AB	Be/1P R/1P	00BTW8004	UVG4ACV		608	A 1	H/W 607
10BAY04 XW35	GEN 1 FAULT RECORDER	UNHEALTH NORMAL	10BAY04 AA001 X04 014/015	10BYB01 XH 003 CD	Gy/1P Y/1P	10BAY8011	UVG4ACV		609	A 1	
	UNIT SPARE (ALARM NUMBER 0609)								610	E 3	
	UNIT SPARE (ALARM NUMBER 0610)								611	E 3	
	UNIT SPARE (ALARM NUMBER 0611)								612	E 3	
	UNIT SPARE (ALARM NUMBER 0612)								613	E 3	
	UNIT SPARE (ALARM NUMBER 0613)								614	E 3	
	UNIT SPARE (ALARM NUMBER 0614)								615	E 3	
	UNIT SPARE (ALARM NUMBER 0615)								616	E 3	
	UNIT SPARE (ALARM NUMBER 0616)								617	E 3	
	UNIT SPARE (ALARM NUMBER 0617)								618	E 3	
	UNIT SPARE (ALARM NUMBER 0618)								619	E 3	
	UNIT SPARE (ALARM NUMBER 0619)								620	E 3	
	UNIT SPARE (ALARM NUMBER 0620)								621	E 3	
	UNIT SPARE (ALARM NUMBER 0621)								622	E 3	
	UNIT SPARE (ALARM NUMBER 0622)								623	E 3	
	UNIT SPARE (ALARM NUMBER 0623)								624	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 0624)								625	E 3	
	UNIT SPARE (ALARM NUMBER 0625)								626	E 3	
	UNIT SPARE (ALARM NUMBER 0626)								627	E 3	
	UNIT SPARE (ALARM NUMBER 0627)								628	E 3	
	UNIT SPARE (ALARM NUMBER 0628)								629	E 3	
	UNIT SPARE (ALARM NUMBER 0629)								630	E 3	
	UNIT SPARE (ALARM NUMBER 0630)								631	E 3	
	UNIT SPARE (ALARM NUMBER 0631)								632	E 3	
	UNIT SPARE (ALARM NUMBER 0632)								633	E 3	
	UNIT SPARE (ALARM NUMBER 0633)								634	E 3	
	UNIT SPARE (ALARM NUMBER 0634)								635	E 3	
	UNIT SPARE (ALARM NUMBER 0635)								636	E 3	
	UNIT SPARE (ALARM NUMBER 0636)								637	E 3	
	UNIT SPARE (ALARM NUMBER 0637)								638	E 3	
	UNIT SPARE (ALARM NUMBER 0638)								639	E 3	
	UNIT SPARE (ALARM NUMBER 0639)								640	E 3	
10BYD01 EW003 YB91	TIME PULSE ON EVERY DAY							Q 10 3		Q	
10BYD01 EW002 YB91	TIME PULSE ON EVERY HOUR							Q 10 6		Q	
10BYD01 EW001 YB91	TIME PULSE ON EVERY MINUTE							Q 10 5		Q	
10ACA10 GS201 YB92	GEN 1 400kV ISOLATOR 1	CLOSE	10BAY03 AA001 X04 023/024	10BYD01 XB 001 AB	Be/1P R/1P	10BAY8003	UVG20ACV	Q 4 0		E 3	
10ACA10 GS201 YB91	GEN 1 400kV ISOLATOR 1	OPEN	10BAY03 AA001 X04 021/022	10BYD01 XB 001 CD	Gy/1P Y/1P	10BAY8003	UVG20ACV	Q 4 1		E 3	
10ACA10 GS401 YB92	GEN 1 400kV ISOLATOR 2	CLOSE	10BAY03 AA001 X04 027/028	10BYD01 XB 001 EF	Gn/1P Bn/1P	10BAY8003	UVG20ACV	Q 4 2		E 3	
10ACA10 GS401 YB91	GEN 1 400kV ISOLATOR 2	OPEN	10BAY03 AA001 X04 025/026	10BYD01 XB 001 GH	W/1P Bk/1P	10BAY8003	UVG20ACV	Q 4 3		E 3	
10ACA10 GS101 YB92	GEN 1 400kV BREAKER	CLOSE	10BAY03 AA001 X04 029/030	10BYD01 XB 002 AB	Be/2P R/2P	10BAY8003	UVG20ACV	Q 4 4		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
10ACA10 GS101 YB91	GEN 1 400kV BREAKER	OPEN	10BAY03 AA001 X04 031/032	10BYD01 XB 002 CD	Gy/2P Y/2P	10BAY8003	UVG20ACV	Q 4 5		E 3	
10CJN00 GS001 YB92	GEN 1 FIELD BREAKER TRIP	DISABLE	10BAY03 AA001 X04 002/001	10BYD01 XB 003 AB	Be/3P R/3P	10BAY8003	UVG20ACV	Q 11 0			
10BAC00 YB92	GEN 1 22kV BREAKER	CLOSE	10BAY03 AA001 X04 004/003	10BYD01 XB 003 CD	Gy/3P Y/3P	10BAY8003	UVG20ACV	Q 11 1		Q	
10BAT10 YB93	GEN TRFR 1 TAP CHANGE	RAISE	10BAY03 AA001 X07 033/034	10BYD01 XB 004 CD	Gy/4P Y/4P	10BAY8003	UVG20ACV	Q 4 6		E 3	
10BAT10 YB94	GEN TRFR 1 TAP CHANGE	LOWER	10BAY03 AA001 X07 031/032	10BYD01 XB 004 EF	Gn/4P Bn/4P	10BAY8003	UVG20ACV	Q 4 7		E 3	
10BAT10 XB60	GEN TRFR 1 TAP CHANGER (1)		10BAY12 DA001 X01 030/021	10BYD01 XB 006 AB	Be/1P R/1P	10BAY8005	UVG8ACV	I 8 0		ES 3	
10BAT10 XB61	GEN TRFR 1 TAP CHN POSITION (2)		10BAY12 DA001 X01 028/029	10BYD01 XB 006 CD	Gy/1P Y/1P	10BAY8005	UVG8ACV	I 8 1		ES 3	
10BAT10 XB62	GEN TRFR 1 TAP CHN POSITION (4)		10BAY12 DA001 X01 026/027	10BYD01 XB 006 EF	Gn/1P Bn/1P	10BAY8005	UVG8ACV	I 8 2		ES 3	
10BAT10 XB63	GEN TRFR 1 TAP CHN POSITION (8)		10BAY12 DA001 X01 024/025	10BYD01 XB 006 GH	W/1P Bk/1P	10BAY8005	UVG8ACV	I 8 3		ES 3	
10BAT10 XB64	GEN TRFR 1 TAP CHN POSITION (10)		10BAY12 DA001 X01 022/023	10BYD01 XB 007 AB	Be/2P R/2P	10BAY8005	UVG8ACV	I 8 4		ES 3	
11BBA01 YB92	11kV UNIT BD 1A CUB01 BKR	CLOSE	11BBA01 AA001 X02 023/024	10BYD01 XB 022 AB	Be/1P R/1P	11BBA8001	UVG8ACV	Q 5 0		Q	
11BBA01 YB91	11kV UNIT BD 1A CUB01 BKR	OPEN	11BBA01 AA001 X02 025/026	10BYD01 XB 022 CD	Gy/1P Y/1P	11BBA8001	UVG8ACV	Q 5 1		Q	
11BBA03 YB92	11kV UNIT BD 1A CUB03 BKR	CLOSE	11BBA03 AA001 X02 042/043	10BYD01 XB 024 AB	Be/1P R/1P	11BBA8004	UVG8ACV	Q 5 2		Q	
11BBA03 YB91	11kV UNIT BD 1A CUB03 BKR	OPEN	11BBA03 AA001 X02 044/045	10BYD01 XB 024 CD	Gy/1P Y/1P	11BBA8004	UVG8ACV	Q 5 3		Q	
11BBA09 YB92	11kV UNIT BD 1A CUB09 BKR	CLOSE	11BBA09 AA001 X02 042/043	10BYD01 XB 026 AB	Be/1P R/1P	11BBA8005	UVG4ACV	Q 5 4		Q	
11BBA09 YB91	11kV UNIT BD 1A CUB09 BKR	OPEN	11BBA09 AA001 X02 044/045	10BYD01 XB 026 CD	Gy/1P Y/1P	11BBA8005	UVG4ACV	Q 5 5		Q	
11BBA10 YB92	11kV UNIT BD 1A CUB10 BKR	CLOSE	11BBA10 AA001 X02 035/036	10BYD01 XB 027 AB	Be/1P R/1P	11BBA8006	UVG8ACV	Q 5 6		Q	
11BBA10 YB91	11kV UNIT BD 1A CUB10 BKR	OPEN	11BBA10 AA001 X02 037/038	10BYD01 XB 027 CD	Gy/1P Y/1P	11BBA8006	UVG8ACV	Q 5 7		Q	
11BBA12 YB92	11kV UNIT BD 1A CUB12 BKR	CLOSE	11BBA12 AA001 X02 042/043	10BYD01 XB 029 AB	Be/1P R/1P	11BBA8007	UVG4ACV	Q 6 0		Q	
11BBA12 YB91	11kV UNIT BD 1A CUB12 BKR	OPEN	11BBA12 AA001 X02 044/045	10BYD01 XB 029 CD	Gy/1P Y/1P	11BBA8007	UVG4ACV	Q 6 1		Q	
11BBA05 YB92	11kV UNIT BD 1A CUB05 BKR	CLOSE	11BBA05 AA001 X02 033/034	10BYD01 XB 031 AB	Be/1P R/1P	11BBA8008	UVG4ACV	Q 6 2		Q	
11BBA05 YB91	11kV UNIT BD 1A CUB05 BKR	OPEN	11BBA05 AA001 X02 035/036	10BYD01 XB 031 CD	Gy/1P Y/1P	11BBA8008	UVG4ACV	Q 6 3		Q	
11BBA06 YB92	11kV UNIT BD 1A CUB06 BKR	CLOSE	11BBA06 AA001 X02 042/043	10BYD01 XB 033 AB	Be/1P R/1P	11BBA8009	UVG4ACV	Q 6 4		Q	
11BBA06 YB91	11kV UNIT BD 1A CUB06 BKR	OPEN	11BBA06 AA001 X02 044/045	10BYD01 XB 033 CD	Gy/1P Y/1P	11BBA8009	UVG4ACV	Q 6 5		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
11BBA07 YB92	11kV UNIT BD 1A CUB07 BKR	CLOSE	11BBA07 AA001 X02 042/043	10BYD01 XB 034 AB	Be/1P R/1P	11BBA8010	UVG4ACV	Q 6 6		Q	
11BBA07 YB91	11kV UNIT BD 1A CUB07 BKR	OPEN	11BBA07 AA001 X02 044/045	10BYD01 XB 034 CD	Gy/1P Y/1P	11BBA8010	UVG4ACV	Q 6 7		Q	
11BBA08 YB92	11kV UNIT BD 1A CUB08 BKR	CLOSE	11BBA08 AA001 X02 042/043	10BYD01 XB 036 AB	Be/1P R/1P	11BBA8011	UVG4ACV	Q 7 0		Q	
11BBA08 YB91	11kV UNIT BD 1A CUB08 BKR	OPEN	11BBA08 AA001 X02 044/045	10BYD01 XB 036 CD	Gy/1P Y/1P	11BBA8011	UVG4ACV	Q 7 1		Q	
11BCA01 YB92	6 6kV SERV BD 1A CUB01 BKR	CLOSE	11BCA01 AA001 X02 023/024	10BYD01 XB 037 AB	Be/1P R/1P	11BCA8001	UVG8ACV	Q 7 2		Q	
11BCA01 YB91	6 6kV SERV BD 1A CUB01 BKR	OPEN	11BCA01 AA001 X02 025/026	10BYD01 XB 037 CD	Gy/1P Y/1P	11BCA8001	UVG8ACV	Q 7 3		Q	
11BCA02 YB92	6 6kV SERV BD 1A CUB02 BKR	CLOSE	11BCA02 AA001 X02 042/043	10BYD01 XB 039 AB	Be/1P R/1P	11BCA8003	UVG8ACV	Q 7 4		Q	
11BCA02 YB91	6 6kV SERV BD 1A CUB02 BKR	OPEN	11BCA02 AA001 X02 044/045	10BYD01 XB 039 CD	Gy/1P Y/1P	11BCA8003	UVG8ACV	Q 7 5		Q	
12BBA03 YB92	11kV UNIT BD 1B CUB03 BKR	CLOSE	12BBA03 AA001 X02 042/043	10BYD01 XB 044 AB	Be/1P R/1P	12BBA8003	UVG8ACV	Q 7 6		Q	
12BBA03 YB91	11kV UNIT BD 1B CUB03 BKR	OPEN	12BBA03 AA001 X02 044/045	10BYD01 XB 044 CD	Gy/1P Y/1P	12BBA8003	UVG8ACV	Q 7 7		Q	
12BBA05 YB92	11kV UNIT BD 1B CUB05 BKR	CLOSE	12BBA05 AA001 X02 033/034	10BYD01 XB 046 AB	Be/1P R/1P	12BBA8004	UVG4ACV	Q 8 0		Q	
12BBA05 YB91	11kV UNIT BD 1B CUB05 BKR	OPEN	12BBA05 AA001 X02 035/036	10BYD01 XB 046 CD	Gy/1P Y/1P	12BBA8004	UVG4ACV	Q 8 1		Q	
12BBA06 YB92	11kV UNIT BD 1B CUB06 BKR	CLOSE	12BBA06 AA001 X02 042/043	10BYD01 XB 047 AB	Be/1P R/1P	12BBA8005	UVG4ACV	Q 8 2		Q	
12BBA06 YB91	11kV UNIT BD 1B CUB06 BKR	OPEN	12BBA06 AA001 X02 044/045	10BYD01 XB 047 CD	Gy/1P Y/1P	12BBA8005	UVG4ACV	Q 8 3		Q	
12BBA07 YB92	11kV UNIT BD 1B CUB07 BKR	CLOSE	12BBA07 AA001 X02 042/043	10BYD01 XB 049 AB	Be/1P R/1P	12BBA8006	UVG4ACV	Q 8 4		Q	
12BBA07 YB91	11kV UNIT BD 1B CUB07 BKR	OPEN	12BBA07 AA001 X02 044/045	10BYD01 XB 049 CD	Gy/1P Y/1P	12BBA8006	UVG4ACV	Q 8 5		Q	
12BBA08 YB92	11kV UNIT BD 1B CUB08 BKR	CLOSE	12BBA08 AA001 X02 042/043	10BYD01 XB 050 AB	Be/1P R/1P	12BBA8007	UVG4ACV	Q 8 6		Q	
12BBA08 YB91	11kV UNIT BD 1B CUB08 BKR	OPEN	12BBA08 AA001 X02 044/045	10BYD01 XB 050 CD	Gy/1P Y/1P	12BBA8007	UVG4ACV	Q 8 7		Q	
12BBA09 YB92	11kV UNIT BD 1B CUB09 BKR	CLOSE	12BBA09 AA001 X02 042/043	10BYD01 XB 051 AB	Be/1P R/1P	12BBA8008	UVG4ACV	Q 9 0		Q	
12BBA09 YB91	11kV UNIT BD 1B CUB09 BKR	OPEN	12BBA09 AA001 X02 044/045	10BYD01 XB 051 CD	Gy/1P Y/1P	12BBA8008	UVG4ACV	Q 9 1		Q	
12BBA10 YB92	11kV UNIT BD 1B CUB10 BKR	CLOSE	12BBA10 AA001 X02 042/043	10BYD01 XB 052 AB	Be/1P R/1P	12BBA8009	UVG4ACV	Q 9 2		Q	
12BBA10 YB91	11kV UNIT BD 1B CUB10 BKR	OPEN	12BBA10 AA001 X02 044/045	10BYD01 XB 052 CD	Gy/1P Y/1P	12BBA8009	UVG4ACV	Q 9 3		Q	
12BBA11 YB92	11kV UNIT BD 1B CUB11 BKR	CLOSE	12BBA11 AA001 X02 042/043	10BYD01 XB 053 AB	Be/1P R/1P	12BBA8010	UVG4ACV	Q 9 4		Q	
12BBA11 YB91	11kV UNIT BD 1B CUB11 BKR	OPEN	12BBA11 AA001 X02 044/045	10BYD01 XB 053 CD	Gy/1P Y/1P	12BBA8010	UVG4ACV	Q 9 5		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
12BBA12 YB92	11kV UNIT BD 1B CUB12 BKR	CLOSE	12BBA12 AA001 X02 042/043	10BYD01 XB 054 AB	Be/1P R/1P	12BBA8011	UVG4ACV	Q 9 6		Q	
12BBA12 YB91	11kV UNIT BD 1B CUB12 BKR	OPEN	12BBA12 AA001 X02 044/045	10BYD01 XB 054 CD	Gy/1P Y/1P	12BBA8011	UVG4ACV	Q 9 7		Q	
12BCA01 YB92	6 6kV SERV BD 1B CUB01 BKR	CLOSE	12BCA01 AA001 X02 042/043	10BYD01 XB 055 AB	Be/1P R/1P	12BCA8001	UVG8ACV	Q 10 0		Q	
12BCA01 YB91	6 6kV SERV BD 1B CUB01 BKR	OPEN	12BCA01 AA001 X02 044/045	10BYD01 XB 055 CD	Gy/1P Y/1P	12BCA8001	UVG8ACV	Q 10 1		Q	
10MKA10 YB92	GEN 1 SYNCHRONISED ROOF LIGHT	SYNCH	10BLA03 CA001 X07 001/002	10BYD01 XB 065 AB	Be/1P R/1P	10BLA8002	UVG4ACV	Q 10 4		E 3	
10CJN00 GS001 YB91	GEN 1 FIELD BREAKER CLOSE	RELEASE	10CJN03 WA002 060/061	10BYD01 XB 075 AB	Be/1P R/1P	10BAY8012	UVG8ACV	Q 11 2			
10CJN00 YB92	GEN 1 FIELD BREAKER	CLOSE	10CJN03 WA002 068/069	10BYD01 XB 075 CD	Gy/1P Y/1P	10BAY8012	UVG8ACV	Q 11 3		Q	
10CJN00 XB51	GEN 1 F/BKR CLOSE FROM GAS/TURB	INLOCK	10CJN03 WA002 064/065	10BYD01 XB 076 CD	Gy/2P Y/2P	10BAY8012	UVG8ACV	I 18 5			
11BBA00 XQ54	11kV UNIT BD 1A BB VOLTS	0-5mA 0-11kV	11BBA01 AA001 X02 013/014	10BYD01 XE 002 AB	Be/1P R/1P	11BBA8012	UVG4ACV	PW 166		Q	
12BBA00 XQ54	11kV UNIT BD 1B BB VOLTS	0-5mA 0-11kV	11BBA01 AA001 X02 015/016	10BYD01 XE 002 CD	Gy/1P Y/1P	11BBA8012	UVG4ACV	PW 168		Q	
11BBA03 XQ52	11kV UNIT BD 1A CUB03 AMPS	0-5mA 0-4000A	11BBA03 AA001 X02 022/023	10BYD01 XE 003 AB	Be/1P R/1P	11BBA8014	UVG4ACV	PW 170		Q	
11BBA10 XQ52	11kV UNIT BD 1A CUB10 AMPS	0-5mA 0-2000A	11BBA10 AA001 X02 015/016	10BYD01 XE 004 AB	Be/1P R/1P	11BBA8018	UVG4ACV	PW 172		Q	
11BCA00 XQ54	6 6kV SERV BD 1A BB VOLTS	0-5mA 0-6 6kV	11BCA01 AA001 X02 013/014	10BYD01 XE 005 AB	Be/1P R/1P	11BCA8004	UVG4ACV	PW 174		Q	
12BCA00 XQ54	6 6kV SERV BD 1B BB VOLTS	0-5mA 0-6 6kV	11BCA01 AA001 X02 015/016	10BYD01 XE 005 CD	Gy/1P Y/1P	11BCA8004	UVG4ACV	PW 176		Q	
11BCA02 XQ52	6 6kV SERV BD 1A CUB02 AMPS	0-5mA 0-2500A	11BCA02 AA001 X02 020/021	10BYD01 XE 006 AB	Be/1P R/1P	11BCA8005	UVG4ACV	PW 178		Q	
12BBA03 XQ52	11kV UNIT BD 1B CUB03 AMPS	0-5mA 0-4000A	12BBA03 AA001 X02 022/023	10BYD01 XE 007 AB	Be/1P R/1P	12BBA8013	UVG4ACV	PW 180		Q	
12BCA01 XQ52	6 6kV SERV BD 1B CUB01 AMPS	0-5mA 0-2500A	12BCA01 AA001 X02 020/021	10BYD01 XE 008 AB	Be/1P R/1P	12BCA8002	UVG4ACV	PW 182		Q	
10MKA10 XQ55	GEN 1 MW	0-5mA 0-880MW	10BYA01 AA001 X51 001/002	10BYD01 XW 001 AB	W Be	10BYA8001	TVH20BR	PW 132		Q	
10MKA10 XQ56	GEN 1 MVAR	0-5mA 0-440MVr	10BYA01 AA001 X51 007/008	10BYD01 XW 001 CD	W O	10BYA8001	TVH20BR	PW 134		Q	
10MKA10 XQ51	GEN 1 RED PHASE AMPS	0-5mA 0-22kA	10BYA01 AA001 X51 015/016	10BYD01 XW 001 EF	W Gn	10BYA8001	TVH20BR	PW 136		Q	
10MKA10 XQ52	GEN 1 WHITE PHASE AMPS	0-5mA 0-22kA	10BYA01 AA001 X51 019/020	10BYD01 XW 001 GH	W Bn	10BYA8001	TVH20BR	PW 138		Q	
10MKA10 XQ53	GEN 1 BLUE PHASE AMPS	0-5mA 0-22kA	10BYA01 AA001 X51 025/026	10BYD01 XW 001 IK	W Gy	10BYA8001	TVH20BR	PW 140		Q	
10MKA10 XQ62	GEN 1 VOLTS	0-5mA 0-22kV	10BYA01 AA001 X51 029/030	10BYD01 XW 002 AB	R Be	10BYA8001	TVH20BR	PW 142		Q	
10MKA10 XQ54	GEN 1 FREQUENCY	0-5mA 45-55Hz	10BYA01 AA001 X51 037/038	10BYD01 XW 002 CD	R O	10BYA8001	TVH20BR	PW 144		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
10MKA10 XQ61	GEN 1 POWER FACTOR	0-5mA 0-1-0	10BYA01 AA001 X51 041/042	10BYD01 XW 002 EF	R Gn	10BYA8001	TVH20BR	PW 146		Q	
10BBT10 GT100 XQ55	UNIT TRFR 1A HV SIDE MW	0-5mA 0-80MW	10BYA01 AA001 X59 001/002	10BYD01 XW 002 GH	R Bn	10BYA8001	TVH20BR	PW 148		Q	
10BBT10 GT100 XQ56	UNIT TRFR 1A HV SIDE MVAR	0-5mA 0-40MVAr	10BYA01 AA001 X59 003/004	10BYD01 XW 002 IK	R Gy	10BYA8001	TVH20BR	PW 150		Q	
10BBT10 GT100 XQ52	UNIT TRFR 1A HV SIDE AMPS	0-5mA 0-2000A	10BYA01 AA001 X59 007/008	10BYD01 XW 003 AB	Bk Be	10BYA8001	TVH20BR	PW 152		Q	
10BBT10 GT100 XQ54	UNIT TRFR 1A & B HV SIDE VOLTS	0-5mA 0-22kV	10BYA01 AA001 X59 013/014	10BYD01 XW 003 CD	Bk O	10BYA8001	TVH20BR	PW 154		Q	
10BBT20 GT100 XQ55	UNIT TRFR 1B HV SIDE MW	0-5mA 0-80MW	10BYA01 AA001 X59 017/018	10BYD01 XW 003 EF	Bk Gn	10BYA8001	TVH20BR	PW 156		Q	
10BBT20 GT100 XQ56	UNIT TRFR 1B HV SIDE MVAR	0-5mA 0-40MVAr	10BYA01 AA001 X59 019/020	10BYD01 XW 003 GH	Bk Bn	10BYA8001	TVH20BR	PW 158		Q	
10BBT20 GT100 XQ52	UNIT TRFR 1B HV SIDE AMPS	0-5mA 0-2000A	10BYA01 AA001 X59 023/024	10BYD01 XW 003 IK	Bk Gy	10BYA8001	TVH20BR	PW 160		Q	
10BDE01 XQ55	3 3kV U/DIESEL GEN 1 kW	0-5mA 0-1.5MW	10BYA01 AA001 X58 001/002	10BYD01 XW 004 AB	Y Be	10BYA8001	TVH20BR	PW 162		Q	
10BDE01 XQ56	3 3kV U/DIESEL GEN 1 kVAR	0-5mA 750KVAr	10BYA01 AA001 X58 003/004	10BYD01 XW 004 CD	Y O	10BYA8001	TVH20BR	PW 164		Q	
10BDE01 XQ52	3 3kV U/DIESEL GEN1 LV SIDE AMPS	0-5mA 0-2 5kA	10BYA01 AA001 X58 005/006	10BYD01 XW 004 EF	Y Gn	10BYA8001	TVH20BR	PW 128		Q	
10BMA00 XQ54	380V U/DIESEL GEN BD 1 BB VOLTS	0-5mA 0-400V	10BYA01 AA001 X58 007/008	10BYD01 XW 004 GH	Y Bn	10BYA8001	TVH20BR	PW 130		Q	
10BBA10 XQ55	UNIT 1 LOOP SUPPLY MW	0-5mA 0-40MW	10BYA01 AA001 X60 001/001	10BYD01 XW 004 IK	Y Gy	11BYA8001	TVH20BR	PW 184		Q	