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
40BYD01 XW51	UNIT 4 SAT PLC COOLING FAN/BATT	FAULT NORMAL						S/W	1921	A 1	S/W 0 D 1 00
40BYD01 XW02	UNIT 4 SAT PLC MCB TRIPPED	ALARM NORMAL						I 8 7	1922	A 1	S/W 1 D 1 01
40BBA10 EG012 XQ52	11kV UNIT BD 4A LOOP SUPPLY AMPS	> 1900 A < 1900 A						S/W	1923	A 1	S/W 2 D 1 02
41BCA02 EG012 XQ52	6 6kV SERV BD 4A INCOMER AMPS	> 2200 A < 2200 A						S/W	1924	A 1	S/W 3 D 1 03
42BCA02 EG012 XQ52	6 6kV SERV BD 4B INCOMER AMPS	> 2200 A < 2200 A						S/W	1925	A 1	S/W 4 D 1 04
40MKA10 EG010 XW54	GEN 4 UNDER/OVER FREQENCY	DETECTED NORMAL						S/W	1926	A 1	S/W 5 D 1 05
40BAT10 EG001 XB60	GEN TRFR 4 TAP CHANGER	ACTIVE COMPLETE						S/W	1927	A 2	S/W 6 D 1 06
40BYD01 XW00	UNIT 4 PLC	STOPPED RUN						S/W	1928	A 1	S/W 7 D 1 07
40BYD01 EG001 XW00	UNIT 4 H1 LINK TO HV CO-ORD	DISCONN ONLINE						S/W	1929	A 1	S/W 8 D 1 08
40BYD01 EG002 XW00	UNIT 4 H1 LINK TO UNIT CO-ORD	DISCONN ONLINE						S/W	1930	A 1	S/W 9 D 1 09
40BYD01 EG003 XW00	UNIT 4 H1 LINK TO STN CO-ORD	DISCONN ONLINE						S/W	1931	A 1	S/W 10 D 1 10
40BYD01 EG005 XW00	UNIT 4 H1 LINK TO HVY PLC	DISCONN ONLINE						S/W	1932	A 1	S/W 11 D 1 11
40BYD01 EG006 XW00	UNIT 4 H1 LINK TO SSB PLC	DISCONN ONLINE						S/W	1933	A 1	S/W 12 D 1 12
40BYD01 EG007 XW00	UNIT 4 H1 LINK TO GAS TURBINE	DISCONN ONLINE						S/W	1934	A 1	S/W 13 D 1 13
40BYD01 EG008 XW00	UNIT 4 H1 LINK TO UNIT 2 PLC	DISCONN ONLINE						S/W	1935	A 1	S/W 14 D 1 14
40BYD01 EG009 XW00	UNIT 4 H1 LINK TO UNIT 6 PLC	DISCONN ONLINE						S/W	1936	A 1	S/W 15 D 1 15
41BBA01 XW88	11kV UNIT BD 4A CUB01 BKR OPEN	FAIL NORMAL						S/W	1937	A 2	S/W 16 D 2 00
41BBA01 XW89	11kV UNIT BD 4A CUB01 BKR CLOSE	FAIL NORMAL						S/W	1938	A 2	S/W 17 D 2 01
41BBA03 XW88	11kV UNIT BD 4A CUB03 BKR OPEN	FAIL NORMAL						S/W	1939	A 2	S/W 18 D 2 02
41BBA03 XW89	11kV UNIT BD 4A CUB03 BKR CLOSE	FAIL NORMAL						S/W	1940	A 2	S/W 19 D 2 03
41BBA05 XW88	11kV UNIT BD 4A CUB05 BKR OPEN	FAIL NORMAL						S/W	1941	A 2	S/W 20 D 2 04
41BBA05 XW89	11kV UNIT BD 4A CUB05 BKR CLOSE	FAIL NORMAL						S/W	1942	A 2	S/W 21 D 2 05
41BBA06 XW88	11kV UNIT BD 4A CUB06 BKR OPEN	FAIL NORMAL						S/W	1943	A 2	S/W 22 D 2 06
41BBA06 XW89	11KV UNIT BD 4A CUB06 BKR CLOSE	FAIL NORMAL						S/W	1944	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
41BBA07	XW88	11kV UNIT BD 4A CUB07 BKR OPEN	FAIL NORMAL						S/W	1945	A 2	S/W 24 D 2 08
41BBA07	XW89	11kV UNIT BD 4A CUB07 BKR CLOSE	FAIL NORMAL						S/W	1946	A 2	S/W 25 D 2 09
41BBA08	XW88	11kV UNIT BD 4A CUB08 BKR OPEN	FAIL NORMAL						S/W	1947	A 2	S/W 26 D 2 10
41BBA08	XW89	11kV UNIT BD 4A CUB08 BKR CLOSE	FAIL NORMAL						S/W	1948	A 2	S/W 27 D 2 11
41BBA09	XW88	11kV UNIT BD 4A CUB09 BKR OPEN	FAIL NORMAL						S/W	1949	A 2	S/W 28 D 2 12
41BBA09	XW89	11kV UNIT BD 4A CUB09 BKR CLOSE	FAIL NORMAL						S/W	1950	A 2	S/W 29 D 2 13
41BBA10	XW88	11kV UNIT BD 4A CUB10 BKR OPEN	FAIL NORMAL						S/W	1951	A 2	S/W 30 D 2 14
41BBA10	XW89	11kV UNIT BD 4A CUB10 BKR CLOSE	FAIL NORMAL						S/W	1952	A 2	S/W 31 D 2 15
		UNIT 4 SPARE (ALARM NUMBER 1953)							S/W	1953	E 3	S/W 32 D 3 00
		UNIT 4 SPARE (ALARM NUMBER 1954)							S/W	1954	E 3	S/W 33 D 3 01
41BBA12	XW88	11kV UNIT BD 4A CUB12 BKR OPEN	FAIL NORMAL						S/W	1955	A 2	S/W 34 D 3 02
41BBA12	XW89	11kV UNIT BD 4A CUB12 BKR CLOSE	FAIL NORMAL						S/W	1956	A 2	S/W 35 D 3 03
41BCA01	XW88	6 6kV SERV BD 4A CUB01 BKR OPEN	FAIL NORMAL						S/W	1957	A 2	S/W 36 D 3 04
41BCA01	XW89	6 6kV SERV BD 4A CUB01 BKR CLOSE	FAIL NORMAL						S/W	1958	A 2	S/W 37 D 3 05
41BCA02	XW88	6 6kV SERV BD 4A CUB02 BKR OPEN	FAIL NORMAL						S/W	1959	A 2	S/W 38 D 3 06
41BCA02	XW89	6 6kV SERV BD 4A CUB02 BKR CLOSE	FAIL NORMAL						S/W	1960	A 2	S/W 39 D 3 07
		UNIT 4 SPARE (ALARM NUMBER 1961)							S/W	1961	E 3	S/W 40 D 3 08
		UNIT 4 SPARE (ALARM NUMBER 1962)							S/W	1962	E 3	S/W 41 D 3 09
40CJN00	XW88	GEN 4 FIELD BREAKER OPEN	FAIL NORMAL						S/W	1963	A 2	S/W 42 D 3 10
40BAC01	XW89	GEN 4 22KV BREAKER CLOSE	FAIL NORMAL						S/W	1964	A 2	S/W 43 D 3 11
40CJN00	XW89	GEN 4 FIELD BREAKER CLOSE	FAIL NORMAL						S/W	1965	A 2	S/W 44 D 3 12
		UNIT 4 SPARE (ALARM NUMBER 1966)							S/W	1966	E 3	S/W 45 D 3 13
		UNIT 4 SPARE (ALARM NUMBER 1967)							S/W	1967	E 3	S/W 46 D 3 14
		UNIT 4 SPARE (ALARM NUMBER 1968)							S/W	1968	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
42BBA03	XW88	11kV UNIT BD 4B CUB03 BKR OPEN	FAIL NORMAL						S/W	1969	A 2	S/W 48 D 4 00
42BBA03	XW89	11kV UNIT BD 4B CUB03 BKR CLOSE	FAIL NORMAL						S/W	1970	A 2	S/W 49 D 4 01
42BBA05	XW88	11kV UNIT BD 4B CUB05 BKR OPEN	FAIL NORMAL						S/W	1971	A 2	S/W 50 D 4 02
42BBA05	XW89	11kV UNIT BD 4B CUB05 BKR CLOSE	FAIL NORMAL						S/W	1972	A 2	S/W 51 D 4 03
42BBA06	XW88	11kV UNIT BD 4B CUB06 BKR OPEN	FAIL NORMAL						S/W	1973	A 2	S/W 52 D 4 04
42BBA06	XW89	11KV UNIT BD 4B CUB06 BKR CLOSE	FAIL NORMAL						S/W	1974	A 2	S/W 53 D 4 05
42BBA07	XW88	11kV UNIT BD 4B CUB07 BKR OPEN	FAIL NORMAL						S/W	1975	A 2	S/W 54 D 4 06
42BBA07	XW89	11kV UNIT BD 4B CUB07 BKR CLOSE	FAIL NORMAL						S/W	1976	A 2	S/W 55 D 4 07
42BBA08	XW88	11kV UNIT BD 4B CUB08 BKR OPEN	FAIL NORMAL						S/W	1977	A 2	S/W 56 D 4 08
42BBA08	XW89	11kV UNIT BD 4B CUB08 BKR CLOSE	FAIL NORMAL						S/W	1978	A 2	S/W 57 D 4 09
42BBA09	XW88	11kV UNIT BD 4B CUB09 BKR OPEN	FAIL NORMAL						S/W	1979	A 2	S/W 58 D 4 10
42BBA09	XW89	11KV UNIT BD 4B CUB09 BKR CLOSE	FAIL NORMAL						S/W	1980	A 2	S/W 59 D 4 11
42BBA10	XW88	11kV UNIT BD 4B CUB10 BKR OPEN	FAIL NORMAL						S/W	1981	A 2	S/W 60 D 4 12
42BBA10	XW89	11kV UNIT BD 4B CUB10 BKR CLOSE	FAIL NORMAL						S/W	1982	A 2	S/W 61 D 4 13
42BBA11	XW88	11kV UNIT BD 4B CUB11 BKR OPEN	FAIL NORMAL						S/W	1983	A 2	S/W 62 D 4 14
42BBA11	XW89	11kV UNIT BD 4B CUB11 BKR CLOSE	FAIL NORMAL						S/W	1984	A 2	S/W 63 D 4 15
42BBA12	XW88	11kV UNIT BD 4B CUB12 BKR OPEN	FAIL NORMAL						S/W	1985	A 2	S/W 64 D 5 00
42BBA12	XW89	11kV UNIT BD 4B CUB12 BKR CLOSE	FAIL NORMAL						S/W	1986	A 2	S/W 65 D 5 01
		UNIT 4 SPARE (ALARM NUMBER 1987)							S/W	1987	E 3	S/W 66 D 5 02
		UNIT 4 SPARE (ALARM NUMBER 1988)							S/W	1988	E 3	S/W 67 D 5 03
42BCA01	XW88	6 6kV SERV BD 4B CUB01 BKR OPEN	FAIL NORMAL						S/W	1989	A 2	S/W 68 D 5 04
42BCA01	XW89	6 6kV SERV BD 4B CUB01 BKR CLOSE	FAIL NORMAL						S/W	1990	A 2	S/W 69 D 5 05
		UNIT 4 SPARE (ALARM NUMBER 1991)							S/W	1991	E 3	S/W 70 D 5 06
		UNIT 4 SPARE (ALARM NUMBER 1992)							S/W	1992	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
40BCA00 XW88	GEN 4 22kV BREAKER OPEN	FAIL NORMAL						S/W	1993	A 2	S/W 72 D 5 08
40BCA00 XW89	GEN 4 22kV BREAKER CLOSE	FAIL NORMAL						S/W	1994	A 2	S/W 73 D 5 09
40BCA00 XW22	GEN 4 22kV BREAKER	ANTIVAL CLEARED						S/W	1995	A 2	S/W 74 D 5 10
	UNIT 4 SPARE (ALARM NUMBER 1996)							S/W	1996	E 3	S/W 75 D 5 11
40ACA00 GS101 XW88	GEN 4 400kV BREAKER OPEN	FAIL NORMAL						S/W	1997	A 2	S/W 76 D 5 12
40ACA00 GS101 XW89	GEN 4 400kV BREAKER CLOSE	FAIL NORMAL						S/W	1998	A 2	S/W 77 D 5 13
40ACA00 GS101 XW22	GEN 4 400kV BREAKER	ANTIVAL CLEARED						S/W	1999	A 2	S/W 78 D 5 14
	UNIT 4 SPARE (ALARM NUMBER 2000)							S/W	2000	E 3	S/W 79 D 5 15
40ACA00 GS101 XW88	GEN 4 400kV BUSBAR 1 LINKS OPEN	FAIL NORMAL						S/W	2001	A 2	S/W 80 D 6 00
40ACA00 GS101 XW89	GEN 4 400kV BUSBAR 1 LINKS CLOSE	FAIL NORMAL						S/W	2002	A 2	S/W 81 D 6 01
40ACA00 GS101 XW22	GEN 4 400kV BUSBAR 1 LINKS	ANTIVAL CLEARED						S/W	2003	A 2	S/W 82 D 6 02
	UNIT 4 SPARE (ALARM NUMBER 2004)							S/W	2004	E 3	S/W 83 D 6 03
40ACA00 GS101 XW88	GEN 4 400kV BUSBAR 1 LINKS OPEN	FAIL NORMAL						S/W	2005	A 2	S/W 84 D 6 04
40ACA00 GS101 XW89	GEN 4 400kV BUSBAR 1 LINKS CLOSE	FAIL NORMAL						S/W	2006	A 2	S/W 85 D 6 05
40ACA00 GS101 XW22	GEN 4 400kV BUSBAR 1 LINKS	ANTIVAL CLEARED						S/W	2007	A 2	S/W 86 D 6 06
	UNIT 4 SPARE (ALARM NUMBER 2008)							S/W	2008	E 3	S/W 87 D 6 07
40BYD01 EG010 XW00	UNIT 4 H1 LINK TO HVY PLC	OFFLINE ONLINE						S/W	2009	A 2	S/W 88 D 6 08
40BYD01 EG011 XW00	UNIT 4 H1 LINK TO SSB PLC	OFFLINE ONLINE						S/W	2010	A 2	S/W 89 D 6 09
40BYD01 EG012 XW00	UNIT 4 H1 LINK T0 GAS TURBINE	OFFLINE ONLINE						S/W	2011	A 2	S/W 90 D 6 10
40BYD01 EG013 XW00	UNIT 4 H1 LINK TO UNIT 2 PLC	OFFLINE ONLINE						S/W	2012	A 2	S/W 91 D 6 11
40BYD01 EG014 XW00	UNIT 4 H1 LINK TO UNIT 6 PLC	OFFLINE ONLINE						S/W	2013	A 2	S/W 92 D 6 12
	UNIT 4 SPARE (ALARM NUMBER 2014)							S/W	2014	E 3	S/W 93 D 6 13
	UNIT 4 SPARE (ALARM NUMBER 2015)							S/W	2015	E 3	S/W 94 D 6 14
	UNIT 4 SPARE (ALARM NUMBER 2015)							S/W	2016	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
40BYD01 EW001 XW00	UNIT 4 E490 MODULE	FAULT						S/W	2017	E 3	Vir 096
40BYD01 EW002 XW00	UNIT 4 E490 MESSAGE MEMORY	FULL						S/W	2018	E 3	Vir 097
40BYD01 EW003 XW00	UNIT 4 E490 POWER	FAILED						S/W	2019	E 3	Vir 098
40BYD01 EW004 XW00	UNIT 4 E490 POWER	NORMAL						S/W	2020	E 3	Vir 099
40BYD01 EW005 XW00	UNIT 4 E490 AUTOMATIC TEST	FAILED						S/W	2021	E 3	Vir 100
40BYD01 EW006 XW00	UNIT 4 E490 DATE/TIME	UPDATED						S/W	2022	E 3	Vir 101
40BYD01 EW007 XW00	UNIT 4 E490 UNIT	FAILED						S/W	2023	E 3	Vir 102
40BYD01 EW008 XW00	UNIT 4 E490 UNIT	NORMAL						S/W	2024	E 3	Vir 103
40BYD01 EW009 XW00	UNIT 4 E490 SYNCHRONISATION	FAILED						S/W	2025	E 3	Vir 104
40BYD01 EW010 XW00	UNIT 4 E490 SYNCHRONISATION	NORMAL						S/W	2026	E 3	Vir 105
	UNIT 4 SPARE (ALARM NUMBER 2027)							S/W	2027	E 3	Vir 106
	UNIT 4 SPARE (ALARM NUMBER 2028)							S/W	2028	E 3	Vir 107
	UNIT 4 SPARE (ALARM NUMBER 2029)							S/W	2029	E 3	Vir 108
	UNIT 4 SPARE (ALARM NUMBER 2030)							S/W	2030	E 3	Vir 109
	UNIT 4 SPARE (ALARM NUMBER 2031)							S/W	2031	E 3	Vir 110
	UNIT 4 SPARE (ALARM NUMBER 2032)							S/W	2032	E 3	Vir 111
	UNIT 4 SPARE (ALARM NUMBER 2033)							S/W	2033	E 3	Vir 112
	UNIT 4 SPARE (ALARM NUMBER 2034)							S/W	2034	E 3	Vir 113
	UNIT 4 SPARE (ALARM NUMBER 2035)							S/W	2035	E 3	Vir 114
	UNIT 4 SPARE (ALARM NUMBER 2036)							S/W	2036	E 3	Vir 115
	UNIT 4 SPARE (ALARM NUMBER 2037)							S/W	2037	E 3	Vir 116
	UNIT 4 SPARE (ALARM NUMBER 2038)							S/W	2038	E 3	Vir 117
	UNIT 4 SPARE (ALARM NUMBER 2039)							S/W	2039	E 3	Vir 118
	UNIT 4 SPARE (ALARM NUMBER 2040)							S/W	2040	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 4 SPARE (ALARM NUMBER 2041)							S/W	2041	E 3	Vir 120
	UNIT 4 SPARE (ALARM NUMBER 2042)							S/W	2042	E 3	Vir 121
	UNIT 4 SPARE (ALARM NUMBER 2043)							S/W	2043	E 3	Vir 122
	UNIT 4 SPARE (ALARM NUMBER 2044)							S/W	2044	E 3	Vir 123
	UNIT 4 SPARE (ALARM NUMBER 2045)							S/W	2045	E 3	Vir 124
	UNIT 4 SPARE (ALARM NUMBER 2046)							S/W	2046	E 3	Vir 125
	UNIT 4 SPARE (ALARM NUMBER 2047)							S/W	2047	E 3	Vir 126
	UNIT 4 SPARE (ALARM NUMBER 2048)							S/W	2048	E 3	Vir 127
	UNIT 4 SPARE (ALARM NUMBER 2049)							S/W	2049	E 3	H/W 128
40BAW00 XB01	GEN 4 22kV EARTH SWITCH	OFF ON	40BAY10 AA001 X1 31/X3 32	40BYD01 XB 067 AB	Be/1P R/1P	40BAY8004	UVG4ACV	I 9 3	2050	ES 3	H/W 129
40BAC00 XB51	GEN 4 22KV BREAKER	LOC/OFF REMOTE	40BAY30 AA001 X03 039/040	40BYD01 XB 008 GH	W/1P Bk/1P	40BAY8010	UVG4ACV	I 9 2	2051	ES 2	H/W 130
40BDE03 EW003 XB01	3 3kV U4 D/GEN BD CUB03 ISOLATOR	CLOSED OPENED	40BDE03 AA001 X03 020/021	40BYD01 XB 011 CD	Gy/1P Y/1P	40BDE8002	UVG4ACV	I 16 0	2052	ES 3	H/W 131
40BFF01 XB01	380V U4 FLY ASH BUNK BD CUB 01	OPENED CLOSED	40BFF01 AA001 X05 128/129	40BYD01 XB 068 EF	Gn/1P Bn/1P	40BFF8003	UVG4ACV	I 6 6	2053	ES 3	H/W 132
40BAC00 XB02	GEN 4 22KV BREAKER	CLOSED NotCLOSE	40BAY30 AA001 X04 048/049	40BYD01 XB 008 AB	Be/1P R/1P	40BAY8010	UVG4ACV	I 9 0	2054	ES 3	H/W 133
40BAC00 XB01	GEN 4 22KV BREAKER	OPENED Not OPEN	40BAY30 AA001 X04 068/069	40BYD01 XB 008 CD	Gy/1P Y/1P	40BAY8010	UVG4ACV	I 9 1	2055	ES 3	H/W 134
40BDE01 EW001 XB01	3 3kV U4 D/GEN BD CUB01 BKR	OPENED CLOSED	40BDE01 AA001 X02 041/042	40BYD01 XB 010 EF	Gn/1P Bn/1P	40BDE8001	UVG4ACV	I 4 0	2056	ES 3	H/W 135
40BDE03 EW001 XB01	3 3kV U4 D/GEN BD CUB03 BKR	OPENED CLOSED	40BDE03 AA001 X02 045/046	40BYD01 XB 011 EF	Gn/1P Bn/1P	40BDE8002	UVG4ACV	I 4 1	2057	ES 3	H/W 136
40BFB01 XB01	380V UNIT STANDBY BD 4 CUB01 BKR	OPENED CLOSED	40BFB01 AA001 X05 128/129	40BYD01 XB 012 EF	Gn/1P Bn/1P	40BFB8001	UVG4ACV	I 4 2	2058	ES 3	H/W 137
40BFB06 XB01	380V UNIT STANDBY BD 4 CUB06 BKR	OPENED CLOSED	40BFB06 AA001 X05 128/129	40BYD01 XB 013 EF	Gn/1P Bn/1P	40BFB8002	UVG4ACV	I 4 7	2059	ES 3	H/W 138
40BFB02 XB01	380V UNIT STANDBY BD 4 CUB02 BKR	OPENED CLOSED	40BFB02 AA001 X05 128/129	40BYD01 XB 014 EF	Gn/1P Bn/1P	40BFB8003	UVG4ACV	I 4 3	2060	ES 3	H/W 139
40BFB03 XB01	380V UNIT STANDBY BD 4 CUB03 BKR	OPENED CLOSED	40BFB03 AA001 X05 128/129	40BYD01 XB 015 EF	Gn/1P Bn/1P	40BFB8004	UVG4ACV	I 4 4	2061	ES 3	H/W 140
40BFB04 XB01	380V UNIT STANDBY BD 4 CUB04 BKR	OPENED CLOSED	40BFB04 AA001 X05 128/129	40BYD01 XB 016 EF	Gn/1P Bn/1P	40BFB8005	UVG4ACV	I 4 5	2062	ES 3	H/W 141
40BFB05 XB01	380V UNIT STANDBY BD 4 CUB05 BKR	OPENED CLOSED	40BFB05 AA001 X05 128/129	40BYD01 XB 017 EF	Gn/1P Bn/1P	40BFB8006	UVG4ACV	I 4 6	2063	ES 3	H/W 142
40BMA12 XB01	380V U/DIESEL GEN BD 4 CUB12 BKR	OPENED CLOSED	40BMA12 AA001 X05 120/121	40BYD01 XB 018 EF	Gn/1P Bn/1P	40BMA8001	UVG4ACV	I 5 0	2064	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
40BMA13 XB01	380V U/DIESEL GEN BD 4 CUB13 BKR	OPENED CLOSED	40BMA13 AA001 X05 120/121	40BYD01 XB 019 EF	Gn/1P Bn/1P	40BMA8002	UVG4ACV	I 5 1	2065	ES 3	H/W 144
40BMA14 XB01	380V U/DIESEL GEN BD 4 CUB14 BKR	OPENED CLOSED	40BMA14 AA001 X05 120/121	40BYD01 XB 020 EF	Gn/1P Bn/1P	40BMA8003	UVG4ACV	I 5 2	2066	ES 3	H/W 145
40BMA15 XB01	380V U/DIESEL GEN BD 4 CUB15 BKR	OPENED CLOSED	40BMA15 AA001 X05 120/121	40BYD01 XB 021 EF	Gn/1P Bn/1P	40BMA8004	UVG4ACV	I 5 3	2067	ES 3	H/W 146
41BBA01 XB01	11kV UNIT BD 4A CUBO1 BKR	OPENED CLOSED	41BBA01 AA001 X02 043/044	40BYD01 XB 022 EF	Gn/1P Bn/1P	41BBA8001	UVG8ACV	I 10 0	2068	ES 3	H/W 147
41BBA01 XB51	11kV UNIT BD 4A CUB01	LOC/OFF REMOTE	41BBA01 AA001 X02 054/055	40BYD01 XB 022 GH	W/1P Bk/1P	41BBA8001	UVG8ACV	I 10 1	2069	ES 2	H/W 148
41BBA03 EW001 XB01	11kV UNIT BD 4A CUBO3 BKR	OPENED CLOSED	41BBA03 AA001 X03 003/004	40BYD01 XB 024 EF	Gn/1P Bn/1P	41BBA8004	UVG8ACV	I 10 2	2070	ES 3	H/W 149
41BBA03 XB51	11kV UNIT BD 4A CUB03	LOC/OFF REMOTE	41BBA03 AA001 X03 014/015	40BYD01 XB 024 GH	W/1P Bk/1P	41BBA8004	UVG8ACV	I 10 3	2071	ES 2	H/W 150
41BBA09 XB01	11kV UNIT BD 4A CUBO9 BKR	OPENED CLOSED	41BBA09 AA001 X03 003/004	40BYD01 XB 026 EF	Gn/1P Bn/1P	41BBA8005	UVG4ACV	I 11 4	2072	ES 3	H/W 151
41BBA09 XB51	11kV UNIT BD 4A CUB09	LOC/OFF REMOTE	41BBA09 AA001 X03 014/015	40BYD01 XB 026 GH	W/1P Bk/1P	41BBA8005	UVG4ACV	I 11 5	2073	ES 2	H/W 152
41BBA10 EW001 XB01	11kV UNIT BD 4A CUB10 BKR	OPENED CLOSED	41BBA10 AA001 X02 055/056	40BYD01 XB 027 EF	Gn/1P Bn/1P	41BBA8006	UVG8ACV	I 11 6	2074	ES 3	H/W 153
41BBA10 XB51	11kV UNIT BD 4A CUB10	LOC/OFF REMOTE	41BBA10 AA001 X03 006/007	40BYD01 XB 027 GH	W/1P Bk/1P	41BBA8006	UVG8ACV	I 11 7	2075	ES 2	H/W 154
41BBA12 XB01	11kV UNIT BD 4A CUB12 BKR	OPENED CLOSED	41BBA12 AA001 X03 003/004	40BYD01 XB 029 EF	Gn/1P Bn/1P	41BBA8007	UVG4ACV	I 12 0	2076	ES 3	H/W 155
41BBA12 XB51	11kV UNIT BD 4A CUB12	LOC/OFF REMOTE	41BBA12 AA001 X03 014/015	40BYD01 XB 029 GH	W/1P Bk/1P	41BBA8007	UVG4ACV	I 12 1	2077	ES 2	H/W 156
41BBA05 XB01	11kV UNIT BD 4A CUBO5 BKR	OPENED CLOSED	41BBA05 AA001 X02 053/054	40BYD01 XB 031 EF	Gn/1P Bn/1P	41BBA8008	UVG4ACV	I 10 4	2078	ES 3	H/W 157
41BBA05 XB51	11kV UNIT BD 4A CUB05	LOC/OFF REMOTE	41BBA05 AA001 X03 006/007	40BYD01 XB 031 GH	W/1P Bk/1P	41BBA8008	UVG4ACV	I 10 5	2079	ES 2	H/W 158
41BBA06 XB01	11kV UNIT BD 4A CUBO6 BKR	OPENED CLOSED	41BBA06 AA001 X03 003/004	40BYD01 XB 033 EF	Gn/1P Bn/1P	41BBA8009	UVG4ACV	I 10 6	2080	ES 3	H/W 159
41BBA06 XB51	11kV UNIT BD 4A CUB06	LOC/OFF REMOTE	41BBA06 AA001 X03 014/015	40BYD01 XB 033 GH	W/1P Bk/1P	41BBA8009	UVG4ACV	I 10 7	2081	ES 2	H/W 160
41BBA07 XB01	11kV UNIT BD 4A CUBO7 BKR	OPENED CLOSED	41BBA07 AA001 X03 003/004	40BYD01 XB 034 EF	Gn/1P Bn/1P	41BBA8010	UVG4ACV	I 11 0	2082	ES 3	H/W 161
41BBA07 XB51	11kV UNIT BD 4A CUB07	LOC/OFF REMOTE	41BBA07 AA001 X03 014/015	40BYD01 XB 034 GH	W/1P Bk/1P	41BBA8010	UVG4ACV	I 11 1	2083	ES 2	H/W 162
41BBA08 XB01	11kV UNIT BD 4A CUBO8 BKR	OPENED CLOSED	41BBA08 AA001 X03 003/004	40BYD01 XB 036 EF	Gn/1P Bn/1P	41BBA8011	UVG4ACV	I 11 2	2084	ES 3	H/W 163
41BBA08 XB51	11kV UNIT BD 4A CUB08	LOC/OFF REMOTE	41BBA08 AA001 X03 014/015	40BYD01 XB 036 GH	W/1P Bk/1P	41BBA8011	UVG4ACV	I 11 3	2085	ES 2	H/W 164
41BCA01 XB01	6 6kV SERV BD 4A CUB01 BKR	OPENED CLOSED	41BCA01 AA001 X02 043/044	40BYD01 XB 037 EF	Gn/1P Bn/1P	41BCA8001	UVG8ACV	I 9 4	2086	ES 3	H/W 165
41BCA01 XB51	6 6kV SERV BD 4A CUB01	LOC/OFF REMOTE	41BCA01 AA001 X02 054/055	40BYD01 XB 037 GH	W/1P Bk/1P	41BCA8001	UVG8ACV	I 9 5	2087	ES 2	H/W 166
41BCA02 EW001 XB01	6 6kV SERV BD 4A CUB02 BKR	OPENED CLOSED	41BCA02 AA001 X03 003/004	40BYD01 XB 039 EF	Gn/1P Bn/1P	41BCA8003	UVG8ACV	I 9 6	2088	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
41BCA02 XB51	6 6kV SERV BD 4A CUB02	LOC/OFF REMOTE	41BCA02 AA001 X03 014/015	40BYD01 XB 039 GH	W/1P Bk/1P	41BCA8003	UVG8ACV	I 9 7	2089	ES 2	H/W 168
41BFA19 XB01	380V UNIT BD 4A CUB19 BKR	OPENED CLOSED	41BFA19 AA001 X05 128/129	40BYD01 XB 041 EF	Gn/1P Bn/1P	41BFA8001	UVG4ACV	I 5 4	2090	ES 3	H/W 169
41BFA20 XB01	380V UNIT BD 4A CUB20 BKR	OPENED CLOSED	41BFA20 AA001 X05 128/129	40BYD01 XB 042 EF	Gn/1P Bn/1P	41BFA8002	UVG4ACV	I 5 5	2091	ES 3	H/W 170
41BFA21 XB01	380V UNIT BD 4A CUB21 BKR	OPENED CLOSED	41BFA21 AA001 X05 128/129	40BYD01 XB 043 EF	Gn/1P Bn/1P	41BFA8004	UVG8ACV	I 5 6	2092	ES 3	H/W 171
42BBA03 EW001 XB01	11kV UNIT BD 4B CUBO3 BKR	OPENED CLOSED	42BBA03 AA001 X03 003/004	40BYD01 XB 044 EF	Gn/1P Bn/1P	42BBA8003	UVG8ACV	I 12 2	2093	ES 3	H/W 172
42BBA03 XB51	11kV UNIT BD 4B CUB03	LOC/OFF REMOTE	42BBA03 AA001 X03 014/015	40BYD01 XB 044 GH	W/1P Bk/1P	42BBA8003	UVG8ACV	I 12 3	2094	ES 2	H/W 173
42BBA05 XB01	11kV UNIT BD 4B CUBO5 BKR	OPENED CLOSED	42BBA05 AA001 X02 053/054	40BYD01 XB 046 EF	Gn/1P Bn/1P	42BBA8004	UVG4ACV	I 12 4	2095	ES 3	H/W 174
42BBA05 XB51	11kV UNIT BD 4B CUB05	LOC/OFF REMOTE	42BBA05 AA001 X03 006/007	40BYD01 XB 046 GH	W/1P Bk/1P	42BBA8004	UVG4ACV	I 12 5	2096	ES 2	H/W 175
42BBA06 XB01	11kV UNIT BD 4B CUBO6 BKR	OPENED CLOSED	42BBA06 AA001 X03 003/004	40BYD01 XB 047 EF	Gn/1P Bn/1P	42BBA8005	UVG4ACV	I 12 6	2097	ES 3	H/W 176
42BBA06 XB51	11kV UNIT BD 4B CUB06	LOC/OFF REMOTE	42BBA06 AA001 X03 014/015	40BYD01 XB 047 GH	W/1P Bk/1P	42BBA8005	UVG4ACV	I 12 7	2098	ES 2	H/W 177
42BBA07 XB01	11kV UNIT BD 4B CUBO7 BKR	OPENED CLOSED	42BBA07 AA001 X03 003/004	40BYD01 XB 049 EF	Gn/1P Bn/1P	42BBA8006	UVG4ACV	I 13 0	2099	ES 3	H/W 178
42BBA07 XB51	11kV UNIT BD 4B CUB07	LOC/OFF REMOTE	42BBA07 AA001 X03 014/015	40BYD01 XB 049 GH	W/1P Bk/1P	42BBA8006	UVG4ACV	I 13 1	2100	ES 2	H/W 179
42BBA08 XB01	11kV UNIT BD 4B CUBO8 BKR	OPENED CLOSED	42BBA08 AA001 X03 003/004	40BYD01 XB 050 EF	Gn/1P Bn/1P	42BBA8007	UVG4ACV	I 13 2	2101	ES 3	H/W 180
42BBA08 XB51	11kV UNIT BD 4B CUB08	LOC/OFF REMOTE	42BBA08 AA001 X03 014/015	40BYD01 XB 050 GH	W/1P Bk/1P	42BBA8007	UVG4ACV	I 13 3	2102	ES 2	H/W 181
42BBA09 XB01	11kV UNIT BD 4B CUBO9 BKR	OPENED CLOSED	42BBA09 AA001 X03 003/004	40BYD01 XB 051 EF	Gn/1P Bn/1P	42BBA8008	UVG4ACV	I 13 4	2103	ES 3	H/W 182
42BBA09 XB51	11kV UNIT BD 4B CUB09	LOC/OFF REMOTE	42BBA09 AA001 X03 014/015	40BYD01 XB 051 GH	W/1P Bk/1P	42BBA8008	UVG4ACV	I 13 5	2104	ES 2	H/W 183
42BBA10 XB01	11kV UNIT BD 4B CUB10 BKR	OPENED CLOSED	42BBA10 AA001 X03 003/004	40BYD01 XB 052 EF	Gn/1P Bn/1P	42BBA8009	UVG4ACV	I 13 6	2105	ES 3	H/W 184
42BBA10 XB51	11kV UNIT BD 4B CUB10	LOC/OFF REMOTE	42BBA10 AA001 X03 014/015	40BYD01 XB 052 GH	W/1P Bk/1P	42BBA8009	UVG4ACV	I 13 7	2106	ES 2	H/W 185
42BBA11 XB01	11kV UNIT BD 4B CUB11 BKR	OPENED CLOSED	42BBA11 AA001 X03 003/004	40BYD01 XB 053 EF	Gn/1P Bn/1P	42BBA8010	UVG4ACV	I 14 0	2107	ES 3	H/W 186
42BBA11 XB51	11KV UNIT BD 4B CUB11	LOC/OFF REMOTE	42BBA11 AA001 X03 014/015	40BYD01 XB 053 GH	W/1P Bk/1P	42BBA8010	UVG4ACV	I 14 1	2108	ES 2	H/W 187
42BBA12 XB01	11kV UNIT BD 4B CUB12 BKR	OPENED CLOSED	42BBA12 AA001 X03 003/004	40BYD01 XB 054 EF	Gn/1P Bn/1P	42BBA8011	UVG4ACV	I 14 2	2109	ES 3	H/W 188
42BBA12 XB51	11kV UNIT BD 4B CUB12	LOC/OFF REMOTE	42BBA12 AA001 X03 014/015	40BYD01 XB 054 GH	W/1P Bk/1P	42BBA8011	UVG4ACV	I 14 3	2110	ES 2	H/W 189
42BCA01 EW001 XB01	6 6kV SERV BD 4B CUB01 BKR	OPENED CLOSED	42BCA01 AA001 X03 003/004	40BYD01 XB 055 EF	Gn/1P Bn/1P	42BCA8001	UVG8ACV	I 14 4	2111	ES 3	H/W 190
42BCA01 XB51	6 6kV SERV BD 4B CUB01	LOC/OFF REMOTE	42BCA01 AA001 X02 014/015	40BYD01 XB 055 GH	W/1P Bk/1P	42BCA8001	UVG8ACV	I 14 5	2112	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
42BFA18 XB01	380V UNIT BD 4B CUB18 BKR	OPENED CLOSED	42BFA18 AA001 X05 128/129	40BYD01 XB 057 EF	Gn/1P Bn/1P	42BFA8002	UVG4ACV	I 6 0	2113	ES 3	H/W 192
42BFA19 XB01	380V UNIT BD 4B CUB19 BKR	OPENED CLOSED	42BFA19 AA001 X05 128/129	40BYD01 XB 058 EF	Gn/1P Bn/1P	42BFA8004	UVG4ACV	I 6 1	2114	ES 3	H/W 193
42BFA17 XB01	380V UNIT BD 4B CUB17 BKR	OPENED CLOSED	42BFA17 AA001 X05 128/129	40BYD01 XB 059 EF	Gn/1P Bn/1P	42BFA8001	UVG4ACV	I 5 7	2115	ES 3	H/W 194
43BFA20 XB01	380V UNIT BD 4C CUB20 BKR	OPENED CLOSED	43BFA20 AA001 X05 128/129	40BYD01 XB 060 EF	Gn/1P Bn/1P	43BFA8003	UVG4ACV	I 6 3	2116	ES 3	H/W 195
43BFA19 XB01	380V UNIT BD 4C CUB19 BKR	OPENED CLOSED	43BFA19 AA001 X05 128/129	40BYD01 XB 061 EF	Gn/1P Bn/1P	43BFA8004	UVG4ACV	I 6 2	2117	ES 3	H/W 196
44BFA18 XB01	380V UNIT BD 4D CUB18 BKR	OPENED CLOSED	44BFA18 AA001 X05 128/129	40BYD01 XB 062 EF	Gn/1P Bn/1P	44BFA8003	UVG4ACV	I 6 5	2118	ES 3	H/W 197
44BFA17 XB01	380V UNIT BD 4D CUB17 BKR	OPENED CLOSED	44BFA17 AA001 X05 128/129	40BYD01 XB 063 EF	Gn/1P Bn/1P	44BFA8004	UVG4ACV	I 6 4	2119	ES 3	H/W 198
	UNIT 4 SPARE (ALARM NUMBER 2120)								2120	E 3	H/W 199
40BFF02 XB01	380V U4 FLY ASH BUNK BD CUB 02	OPENED CLOSED	40BFF02 AA001 X05 128/129	40BYD01 XB 069 EF	Gn/1P Bn/1P	40BFF8004	UVG4ACV	I 6 7	2121	ES 3	H/W 200
40BLA01 XB01	380V UNIT LIGHTING BD 4 CUB01	OPENED CLOSED	40BLA01 AA001 X05 128/129	40BYD01 XB 070 EF	Gn/1P Bn/1P	40BLA8003	UVG4ACV	I 7 1	2122	ES 3	H/W 201
40BLA02 XB01	380V UNIT LIGHTING BD 4 CUB02	OPENED CLOSED	40BLA02 AA001 X05 128/129	40BYD01 XB 071 EF	Gn/1P Bn/1P	40BLA8004	UVG4ACV	I 7 2	2123	ES 3	H/W 202
40BBA02 EW001 XB01	11kV UNIT BD 4B BUSBAR E/S	ON OFF	41BBA01 AA001 X03 009/010	40BYD01 XB 023 AB	Be/2P R/2P	41BBA8001	UVG8ACV	I 16 1	2124	ES 3	H/W 203
40BBA01 EW002 XB01	11kV UNIT BD 4A BUSBAR ISOLATOR	CLOSED OPENED	41BBA01 AA001 X03 017/052	40BYD01 XB 023 CD	Gy/2P Y/2P	41BBA8001	UVG8ACV	I 16 2	2125	ES 3	H/W 204
40BBA01 EW001 XB01	11kV UNIT BD 4A BUSBAR E/S	ON OFF	41BBA01 AA001 X03 005/006	40BYD01 XB 023 EF	Gn/2P Bn/2P	41BBA8001	UVG8ACV	I 16 3	2126	ES 3	H/W 205
40BBA02 EW002 XB01	11kV UNIT BD 4B BUSBAR ISOLATOR	CLOSED OPENED	41BBA01 AA001 X03 018/049	40BYD01 XB 023 GH	W/2P Bk/2P	41BBA8001	UVG8ACV	I 16 4	2127	ES 3	H/W 206
41BBA03 EW002 XB01	11kV UNIT BD 4A CUB 03 CBL E/S	ON OFF	41BBA03 AA001 X03 029/030	40BYD01 XB 025 AB	Be/2P R/2P	41BBA8004	UVG8ACV	I 16 5	2128	ES 3	H/W 207
41BBA03 EW003 XB01	11kV UNIT BD 4A CUB 03 ISOLATOR	CLOSED OPENED	41BBA03 AA001 X03 052/051	40BYD01 XB 025 CD	Gy/2P Y/2P	41BBA8004	UVG8ACV	I 16 6	2129	ES 3	H/W 208
41BBA10 EW002 XB01	11kV UNIT BD 4A CUB 10 CBL E/S	ON OFF	41BBA10 AA001 X03 017/018	40BYD01 XB 028 AB	Be/2P R/2P	41BBA8006	UVG8ACV	I 16 7	2130	ES 3	H/W 209
41BBA10 EW003 XB01	11kV UNIT BD 4A CUB 10 ISOLATOR	CLOSED OPENED	41BBA10 AA001 X03 052/051	40BYD01 XB 028 CD	Gy/2P Y/2P	41BBA8006	UVG8ACV	I 17 0	2131	ES 3	H/W 210
40BCA02 EW001 XB01	6 6kV SERV BD 4B BUSBAR E/S	ON OFF	41BCA01 AA001 X03 009/010	40BYD01 XB 038 AB	Be/2P R/2P	41BCA8001	UVG8ACV	I 17 1	2132	ES 3	H/W 211
40BCA01 EW002 XB01	6 6kV SERV BD 4A BUSBAR ISOLATOR	CLOSED OPENED	41BCA01 AA001 X03 017/052	40BYD01 XB 038 CD	Gy/2P Y/2P	41BCA8001	UVG8ACV	I 17 2	2133	ES 3	H/W 212
40BCA01 EW001 XB01	6 6kV SERV BD 4A BUSBAR E/S	ON OFF	41BCA01 AA001 X03 005/006	40BYD01 XB 038 EF	Gn/2P Bn/2P	41BCA8001	UVG8ACV	I 17 3	2134	ES 3	H/W 213
40BCA02 EW002 XB01	6 6kV SERV BD 4B BUSBAR ISOLATOR	CLOSED OPENED	41BCA01 AA001 X03 018/050	40BYD01 XB 038 GH	W/2P Bk/2P	41BCA8001	UVG8ACV	I 17 4	2135	ES 3	H/W 214
41BCA02 EW002 XB01	6 6kV SERV BD 4A CUB 02 CBL E/S	ON OFF	41BCA02 AA001 X03 029/030	40BYD01 XB 040 AB	Be/2P R/2P	41BCA8003	UVG8ACV	I 17 5	2136	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
41BCA02 EW003 XB01	6 6kV SERV BD 4A CUB 02 ISOLATOR	CLOSED OPENED	41BCA02 AA001 X03 062/061	40BYD01 XB 040 CD	Gy/2P Y/2P	41BCA8003	UVG8ACV	I 17 6	2137	ES 3	H/W 216
41BFC01 XB01	380V U4 PRECIP BD A CUB 01 BKR	OPENED CLOSED	41BFC01 AA001 X05 128/129	40BYD01 XB 072 EF	Gn/1P Bn/1P	41BFC8002	UVG4ACV	I 7 3	2138	ES 3	H/W 217
41BFC02 XB01	380V U4 PRECIP BD A CUB 02 BKR	OPENED CLOSED	41BFC02 AA001 X05 128/129	40BYD01 XB 073 EF	Gn/1P Bn/1P	41BFC8003	UVG4ACV	I 7 4	2139	ES 3	H/W 218
42BBA03 EW002 XB01	11kV UNIT BD 4B CUB 03 CBL E/S	ON OFF	42BBA03 AA001 X03 029/030	40BYD01 XB 045 AB	Be/2P R/2P	42BBA8003	UVG8ACV	I 17 7	2140	ES 3	H/W 219
42BBA03 EW003 XB01	11kV UNIT BD 4B CUB 03 ISOLATOR	CLOSED OPENED	42BBA03 AA001 X03 052/051	40BYD01 XB 045 CD	Gy/2P Y/2P	42BBA8003	UVG8ACV	I 18 0	2141	ES 3	H/W 220
42BCA01 EW002 XB01	6 6kV SERV BD 4B CUB 01 CBL E/S	ON OFF	42BCA01 AA001 X03 029/030	40BYD01 XB 056 AB	Be/2P R/2P	42BCA8001	UVG8ACV	I 18 1	2142	ES 3	H/W 221
42BCA01 EW003 XB01	6 6kV SERV BD 4B CUB 01 ISOLATOR	CLOSED OPENED	42BCA01 AA001 X02 059/060	40BYD01 XB 056 CD	Gy/2P Y/2P	42BCA8001	UVG8ACV	I 18 2	2143	ES 3	H/W 222
42BFC01 XB01	380V U4 PRECIP BD B CUB 01 BKR	OPENED CLOSED	42BFC02 AA001 X05 128/129	40BYD01 XB 074 EF	Gn/1P Bn/1P	42BFC8002	UVG4ACV	I 7 5	2144	ES 3	H/W 223
40CJN00 GS001 XB01	GEN 4 FIELD BREAKER TRIP	DISABLED NORMAL	40BAY03 AA001 X04 036/037	40BYD01 XB 003 EF	Gn/3P Bn/3P	40BAY8003	UVG20ACV	I 18 3	2145	A 3	H/W 224
40CJN00 XB01	GEN 4 FIELD BREAKER	CLOSED OPENED	40CJN03 WA002 062/063	40BYD01 XB 076 AB	Be/2P R/2P	40BAY8012	UVG8ACV	I 18 4	2146	A 3	H/W 225
40BDE01 EW002 XB01	3 3kV U4 D/GEN BD CUB01 E/S	ON OFF	40BDE01 AA001 X03 023/024	40BYD01 XB 010 AB	Be/1P R/1P	40BDE8001	UVG4ACV	I 8 5	2147	ES 3	H/W 226
40BDE01 EW003 XB01	3 3kV U4 D/GEN BD CUB01 ISOLATOR	CLOSED OPENED	40BDE01 AA001 X03 019/020	40BYD01 XB 010 CD	Gy/1P Y/1P	40BDE8001	UVG4ACV	I 14 6	2148	ES 3	H/W 227
	UNIT 4 SPARE (ALARM NUMBER 2149)								2149	E 3	H/W 228
	UNIT 4 SPARE (ALARM NUMBER 2150)								2150	E 3	H/W 229
	UNIT 4 SPARE (ALARM NUMBER 2151)								2151	E 3	H/W 230
	UNIT 4 SPARE (ALARM NUMBER 2152)								2152	E 3	H/W 231
	UNIT 4 SPARE (ALARM NUMBER 2153)								2153	E 3	H/W 232
	UNIT 4 SPARE (ALARM NUMBER 2154)								2154	E 3	H/W 233
	UNIT 4 SPARE (ALARM NUMBER 2155)								2155	E 3	H/W 234
	UNIT 4 SPARE (ALARM NUMBER 2156)								2156	E 3	H/W 235
	UNIT 4 SPARE (ALARM NUMBER 2157)								2157	E 3	H/W 236
	UNIT 4 SPARE (ALARM NUMBER 2158)								2158	E 3	H/W 237
	UNIT 4 SPARE (ALARM NUMBER 2159)								2159	E 3	H/W 238
	UNIT 4 SPARE (ALARM NUMBER 2160)								2160	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 4 SPARE (ALARM NUMBER 2161)								2161	E 3	H/W 240
	UNIT 4 SPARE (ALARM NUMBER 2162)								2162	E 3	H/W 241
	UNIT 4 SPARE (ALARM NUMBER 2163)								2163	E 3	H/W 242
	UNIT 4 SPARE (ALARM NUMBER 2164)								2164	E 3	H/W 243
	UNIT 4 SPARE (ALARM NUMBER 2165)								2165	E 3	H/W 244
	UNIT 4 SPARE (ALARM NUMBER 2166)								2166	E 3	H/W 245
	UNIT 4 SPARE (ALARM NUMBER 2167)								2167	E 3	H/W 246
	UNIT 4 SPARE (ALARM NUMBER 2168)								2168	E 3	H/W 247
	UNIT 4 SPARE (ALARM NUMBER 2169)								2169	E 3	H/W 248
	UNIT 4 SPARE (ALARM NUMBER 2170)								2170	E 3	H/W 249
	UNIT 4 SPARE (ALARM NUMBER 2171)								2171	E 3	H/W 250
	UNIT 4 SPARE (ALARM NUMBER 2172)								2172	E 3	H/W 251
	UNIT 4 SPARE (ALARM NUMBER 2173)								2173	E 3	H/W 252
	UNIT 4 SPARE (ALARM NUMBER 2174)								2174	E 3	H/W 253
	UNIT 4 SPARE (ALARM NUMBER 2175)								2175	E 3	H/W 254
	UNIT 4 SPARE (ALARM NUMBER 2176)								2176	E 3	H/W 255
	UNIT 4 SPARE (ALARM NUMBER 2177)								2177	E 3	H/W 256
	UNIT 4 SPARE (ALARM NUMBER 2178)								2178	E 3	H/W 257
	UNIT 4 SPARE (ALARM NUMBER 2179)								2179	E 3	H/W 258
	UNIT 4 SPARE (ALARM NUMBER 2180)								2180	E 3	H/W 259
	UNIT 4 SPARE (ALARM NUMBER 2181)								2181	E 3	H/W 260
	UNIT 4 SPARE (ALARM NUMBER 2182)								2182	E 3	H/W 261
	UNIT 4 SPARE (ALARM NUMBER 2183)								2183	E 3	H/W 262
	UNIT 4 SPARE (ALARM NUMBER 2184)								2184	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 4 SPARE (ALARM NUMBER 2185)								2185	E 3	H/W 264
	UNIT 4 SPARE (ALARM NUMBER 2186)								2186	E 3	H/W 265
	UNIT 4 SPARE (ALARM NUMBER 2187)								2187	E 3	H/W 266
	UNIT 4 SPARE (ALARM NUMBER 2188)								2188	E 3	H/W 268
	UNIT 4 SPARE (ALARM NUMBER 2189)								2189	E 3	H/W 267
	UNIT 4 SPARE (ALARM NUMBER 2190)								2190	E 3	H/W 269
	UNIT 4 SPARE (ALARM NUMBER 2191)								2191	E 3	H/W 270
	UNIT 4 SPARE (ALARM NUMBER 2192)								2192	E 3	H/W 271
	UNIT 4 SPARE (ALARM NUMBER 2193)								2193	E 3	H/W 272
	UNIT 4 SPARE (ALARM NUMBER 2194)								2194	E 3	H/W 273
	UNIT 4 SPARE (ALARM NUMBER 2195)								2195	E 3	H/W 274
	UNIT 4 SPARE (ALARM NUMBER 2196)								2196	E 3	H/W 275
	UNIT 4 SPARE (ALARM NUMBER 2197)								2197	E 3	H/W 276
	UNIT 4 SPARE (ALARM NUMBER 2198)								2198	E 3	H/W 277
	UNIT 4 SPARE (ALARM NUMBER 2199)								2199	E 3	H/W 278
	UNIT 4 SPARE (ALARM NUMBER 2200)								2200	E 3	H/W 279
	UNIT 4 SPARE (ALARM NUMBER 2201)								2201	E 3	H/W 280
	UNIT 4 SPARE (ALARM NUMBER 2202)								2202	E 3	H/W 281
	UNIT 4 SPARE (ALARM NUMBER 2203)								2203	E 3	H/W 282
	UNIT 4 SPARE (ALARM NUMBER 2204)								2204	E 3	H/W 283
	UNIT 4 SPARE (ALARM NUMBER 2205)								2205	E 3	H/W 284
	UNIT 4 SPARE (ALARM NUMBER 2206)								2206	E 3	H/W 285
	UNIT 4 SPARE (ALARM NUMBER 2207)								2207	E 3	H/W 286
	UNIT 4 SPARE (ALARM NUMBER 2208)								2208	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 4 SPARE (ALARM NUMBER 2209)								2209	E 3	H/W 288
	UNIT 4 SPARE (ALARM NUMBER 2210)								2210	E 3	H/W 289
	UNIT 4 SPARE (ALARM NUMBER 2211)								2211	E 3	H/W 290
	UNIT 4 SPARE (ALARM NUMBER 2212)								2212	E 3	H/W 291
	UNIT 4 SPARE (ALARM NUMBER 2213)								2213	E 3	H/W 292
	UNIT 4 SPARE (ALARM NUMBER 2214)								2214	E 3	H/W 293
	UNIT 4 SPARE (ALARM NUMBER 2215)								2215	E 3	H/W 294
	UNIT 4 SPARE (ALARM NUMBER 2216)								2216	E 3	H/W 295
	UNIT 4 SPARE (ALARM NUMBER 2217)								2217	E 3	H/W 296
	UNIT 4 SPARE (ALARM NUMBER 2218)								2218	E 3	H/W 297
	UNIT 4 SPARE (ALARM NUMBER 2219)								2219	E 3	H/W 298
	UNIT 4 SPARE (ALARM NUMBER 2220)								2220	E 3	H/W 299
	UNIT 4 SPARE (ALARM NUMBER 2221)								2221	E 3	H/W 300
	UNIT 4 SPARE (ALARM NUMBER 2222)								2222	E 3	H/W 301
	UNIT 4 SPARE (ALARM NUMBER 2223)								2223	E 3	H/W 302
	UNIT 4 SPARE (ALARM NUMBER 2224)								2224	E 3	H/W 303
	UNIT 4 SPARE (ALARM NUMBER 2225)								2225	E 3	H/W 304
	UNIT 4 SPARE (ALARM NUMBER 2226)								2226	E 3	H/W 305
	UNIT 4 SPARE (ALARM NUMBER 2227)								2227	E 3	H/W 306
	UNIT 4 SPARE (ALARM NUMBER 2228)								2228	E 3	H/W 307
	UNIT 4 SPARE (ALARM NUMBER 2229)								2229	E 3	H/W 308
	UNIT 4 SPARE (ALARM NUMBER 2230)								2230	E 3	H/W 309
	UNIT 4 SPARE (ALARM NUMBER 2231)								2231	E 3	H/W 310
	UNIT 4 SPARE (ALARM NUMBER 2232)								2232	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 4 SPARE (ALARM NUMBER 2233)								2233	E 3	H/W 312
	UNIT 4 SPARE (ALARM NUMBER 2234)								2234	E 3	H/W 313
	UNIT 4 SPARE (ALARM NUMBER 2235)								2235	E 3	H/W 314
	UNIT 4 SPARE (ALARM NUMBER 2236)								2236	E 3	H/W 315
	UNIT 4 SPARE (ALARM NUMBER 2237)								2237	E 3	H/W 316
	UNIT 4 SPARE (ALARM NUMBER 2238)								2238	E 3	H/W 317
	UNIT 4 SPARE (ALARM NUMBER 2239)								2239	E 3	H/W 318
	UNIT 4 SPARE (ALARM NUMBER 2240)								2240	E 3	H/W 319
	UNIT 4 SPARE (ALARM NUMBER 2241)								2241	E 3	H/W 320
	UNIT 4 SPARE (ALARM NUMBER 2242)								2242	E 3	H/W 321
	UNIT 4 SPARE (ALARM NUMBER 2243)								2243	E 3	H/W 322
	UNIT 4 SPARE (ALARM NUMBER 2244)								2244	E 3	H/W 323
	UNIT 4 SPARE (ALARM NUMBER 2245)								2245	E 3	H/W 324
40MKA10 EW200 XW85	GEN 4 100% STATOR E/F	TRIP NORMAL	40BAY01 AA001 X32 006/013	40BYB01 XH 005 CD	Gy/2P Y/2P	40BAY8001	UVG48ACV		2246	A 2	H/W 325
40BAT10 AA001 XW53	GEN TRFR 4 DIFF R PHASE	TRIP NORMAL	40BAY01 AA001 X33 005/012	40BYB01 XH 005 GH	W/2P Bk/2P	40BAY8001	UVG48ACV		2247	A 2	H/W 326
40BAT10 AA002 XW53	GEN TRFR 4 DIFF W PHASE	TRIP NORMAL	40BAY01 AA001 X33 006/013	40BYB01 XH 006 AB	Be/3P R/3P	40BAY8001	UVG48ACV		2248	A 2	H/W 327
40BAT10 AA003 XW53	GEN TRFR 4 DIFF B PHASE	TRIP NORMAL	40BAY01 AA001 X33 007/014	40BYB01 XH 006 CD	Gy/3P Y/3P	40BAY8001	UVG48ACV		2249	A 2	H/W 328
40BAT10 XW38	GEN TRFR 4 OVERFLUXING STAGE 1	TRIP NORMAL	40BAY01 AA001 X37 002/009	40BYB01 XH 007 GH	W/4P Bk/4P	40BAY8001	UVG48ACV		2250	A 2	H/W 329
40MKA10 XW71	GEN 4 HOUSE LOADING	TRIP NORMAL	40BAY01 AA001 X37 006/013	40BYB01 XH 008 AB	Be/1O R/1O	40BAY8001	UVG48ACV		2251	A 1	H/W 330
40BBT10 AA001 XW53	UNIT TRFR 4A DIFF R PHASE	TRIP NORMAL	40BAY01 AA001 X24 001/008	40BYB01 XH 008 EF	Gn/1O Bn/1O	40BAY8001	UVG48ACV		2252	A 2	H/W 331
40BBT10 GT200 XW85	UNIT TRFR 4A 22kV EARTH FAULT	TRIP NORMAL	40BAY01 AA001 X38 002/009	40BYB01 XH 008 GH	W/1O Bk/1O	40BAY8001	UVG48ACV		2253	A 2	H/W 332
40BBT10 GT100 XW31	UNIT TRFR 4A 11kV R/E/F	TRIP NORMAL	40BAY01 AA001 X38 003/010	40BYB01 XH 009 AB	Be/2O R/2O	40BAY8001	UVG48ACV		2254	A 2	H/W 333
40BBT20 AA001 XW53	UNIT TRFR 4B DIFF R PHASE	TRIP NORMAL	40BAY01 AA001 X24 004/011	40BYB01 XH 009 CD	Gy/2O Y/2O	40BAY8001	UVG48ACV		2255	A 2	H/W 334
40BBT20 GT100 XW31	UNIT TRFR 4B 11kV R/E/F	TRIP NORMAL	40BAY01 AA001 X38 005/012	40BYB01 XH 009 EF	Gn/2O Bn/2O	40BAY8001	UVG48ACV		2256	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
40BAT10 XW95	GEN TRFR 4 OIL TEMP	TRIP NORMAL	40BAY01 AA001 X39 002/009	40BYB01 XH 009 GH	W/2O Bk/2O	40BAY8001	UVG48ACV		2257	A 2	H/W 336
40BBT10 GT100 XW95	UNIT TRFR 4A OIL TEMP	TRIP NORMAL	40BAY01 AA001 X39 005/012	40BYB01 XH 010 AB	Be/3O R/3O	40BAY8001	UVG48ACV		2258	A 2	H/W 337
40BBT20 GT100 XW95	UNIT TRFR 4B OIL TEMP	TRIP NORMAL	40BAY01 AA001 X39 007/014	40BYB01 XH 010 CD	Gy/3O Y/3O	40BAY8001	UVG48ACV		2259	A 2	H/W 338
40BAT10 XW32	GEN TRFR 4 TAP CHANGER PRD	TRIP NORMAL	40BAY01 AA001 X40 001/008	40BYB01 XH 010 EF	Gn/3O Bn/3O	40BAY8001	UVG48ACV		2260	A 2	H/W 339
40BBT10 AA002 XW53	UNIT TRFR 4A DIFF W PHASE	TRIP NORMAL	40BAY01 AA001 X24 002/009	40BYB01 XH 010 GH	W/3O Bk/3O	40BAY8001	UVG48ACV		2261	A 2	H/W 340
40BBT10 AA003 XW53	UNIT TRFR 4A DIFF B PHASE	TRIP NORMAL	40BAY01 AA001 X24 003/010	40BYB01 XH 011 AB	Be/4O R/4O	40BAY8001	UVG48ACV		2262	A 2	H/W 341
40BBT20 AA002 XW53	UNIT TRFR 4B DIFF W PHASE	TRIP NORMAL	40BAY01 AA001 X24 005/012	40BYB01 XH 011 CD	Gy/4O Y/4O	40BAY8001	UVG48ACV		2263	A 2	H/W 342
40BBT20 AA003 XW53	UNIT TRFR 4B DIFF B PHASE	TRIP NORMAL	40BAY01 AA001 X24 006/013	40BYB01 XH 011 EF	Gn/4O Bn/4O	40BAY8001	UVG48ACV		2264	A 2	H/W 343
40MKA10 EW001 XW39	GEN 4 M1 EXITATION TRIP DC	FAIL NORMAL	40BAY01 AA001 X51 053/058	40BYB01 XH 011 GH	W/4O Bk/4O	40BAY8001	UVG48ACV		2265	A 1	H/W 344
40MKA10 EW001 XW51	GEN 4 M1 PROT CUB DC	FAIL NORMAL	40BAY01 AA001 X51 047/048	40BYB01 XH 012 AB	Be/1V R/1V	40BAY8001	UVG48ACV		2266	A 1	H/W 345
40BAT10 XW33	GEN TRFR 4 OVERFLUXING STAGE 2	TRIP NORMAL	40BAY01 AA001 X37 003/010	40BYB01 XH 012 CD	Gy/1V Y/1V	40BAY8001	UVG48ACV		2267	A 2	H/W 346
40MKA10 EW002 XW22	GEN 4 M2 GROUP	TRIP NORMAL	40BAY02 AA001 X25 005/012	40BYB01 XH 016 AB	Be/1P R/1P	40BAY8002	UVG48ACV	I 22 3	2268	A 2	H/W 347
40MKA10 EW002 XW11	GEN 4 M2 NEG PHASE SEQUENCE	TRIP NORMAL	40BAY02 AA001 X32 004/011	40BYB01 XH 017 AB	Be/2P R/2P	40BAY8002	UVG48ACV		2269	A 2	H/W 348
40MKA10 EW101 XW65	GEN 4 ROTOR E/F < 80 K OHM	ALARM NORMAL	40BAY02 AA001 X33 002/009	40BYB01 XH 017 GH	W/2P Bk/2P	40BAY8002	UVG48ACV		2270	A 1	H/W 349
40MKA10 XW12	GEN 4 OVERFLUXING STAGE 1	ALARM NORMAL	40BAY02 AA001 X31 005/012	40BYB01 XH 018 EF	Gn/3P Bn/3P	40BAY8002	UVG48ACV		2271	A 1	H/W 350
40BAT10 XW31	GEN TRFR 4 HV RESTRICTED E/F	TRIP NORMAL	40BAY02 AA001 X34 001/008	40BYB01 XH 019 EF	Gn/4P Bn/4P	40BAY8002	UVG48ACV		2272	A 2	H/W 351
40BAT10 XW29	GEN TRFR 4 HV BACK UP E/F	TRIP NORMAL	40BAY02 AA001 X35 001/008	40BYB01 XH 019 GH	W/4P Bk/4P	40BAY8002	UVG48ACV		2273	A 2	H/W 352
40BBT10 GT100 XW34	UNIT TRFR 4A 22kV OVERCURRENT	TRIP NORMAL	40BAY02 AA001 X35 002/009	40BYB01 XH 020 CD	Gy/1O Y/1O	40BAY8002	UVG48ACV		2274	A 2	H/W 353
40BBT20 GT100 XW34	UNIT TRFR 4B 22kV OVERCURRENT	TRIP NORMAL	40BAY02 AA001 X35 005/012	40BYB01 XH 020 EF	Gn/1O Bn/1O	40BAY8002	UVG48ACV		2275	A 2	H/W 354
40BAC00 XW28	GEN 4 22kV BKR FAIL	TRIP NORMAL	40BAY02 AA001 X36 001/008	40BYB01 XH 020 GH	W/1O Bk/1O	40BAY8002	UVG48ACV		2276	A 2	H/W 355
40MKA10 XW14	GEN 4 LOSS OF FIELD STAGE 1	ALARM NORMAL	40BAY02 AA001 X23 002/009	40BYB01 XH 021 CD	Gy/2O Y/2O	40BAY8002	UVG48ACV		2277	A 1	H/W 356
40ACA10 GS101 XW28	GEN 4 400kV BKR FAIL	TRIP NORMAL	40BAY02 AA001 X37 001/008	40BYB01 XH 021 EF	Gn/2O Bn/2O	40BAY8002	UVG48ACV		2278	A 2	H/W 357
40BAC01 XW53	GEN 4 22kV CT CHAMBER FANS	FAIL NORMAL	40BAC01 AN002 X05 009/010	40BYB01 XH 002 AB	Be/1P R/1P	40BAC8001	UVG4ACV		2279	A 1	H/W 358
40ACA10 GS101 XW59	GEN 4 400kV BKR POLE	DISCREP NORMAL	40BAY02 AA001 X37 003/010	40BYB01 XH 022 AB	Be/3O R/3O	40BAY8002	UVG48ACV		2280	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
40ACA10 GS201 XW59	GEN 4 400kV PANTOGRAPH POLE	DISCREP NORMAL	40BAY02 AA001 X37 005/012	40BYB01 XH 022 CD	Gy/3O Y/3O	40BAY8002	UVG48ACV		2281	A 2	H/W 360
40ACA10 GS101 XW78	GEN 4 400kV BKR BUS ZONE	TRIP NORMAL	40BAY02 AA001 X37 006/013	40BYB01 XH 022 EF	Gn/3O Bn/3O	40BAY8002	UVG48ACV		2282	A 2	H/W 361
40BAT10 XW34	GEN TRFR 4 TAP CHG OVERCURRENT	TRIP NORMAL	40BAY02 AA001 X38 001/008	40BYB01 XH 022 GH	W/3O Bk/3O	40BAY8002	UVG48ACV		2283	A 2	H/W 362
40BAT10 GT301 XW36	GEN TRFR 4 TAP CHG MECH TIMER	ALARM NORMAL	40BAY02 AA001 X38 002/009	40BYB01 XH 023 AB	Be/4O R/4O	40BAY8002	UVG48ACV		2284	A 1	H/W 363
40BAT10 XW93	GEN TRFR 4 BUCH	TRIP NORMAL	40BAY02 AA001 X38 005/012	40BYB01 XH 023 CD	Gy/4O Y/4O	40BAY8002	UVG48ACV		2285	A 2	H/W 364
40BAT10 XW94	GEN TRFR 4 WINDING TEMP	TRIP NORMAL	40BAY02 AA001 X38 006/013	40BYB01 XH 023 EF	Gn/4O Bn/4O	40BAY8002	UVG48ACV		2286	A 2	H/W 365
40BAT10 XW97	GEN TRFR 4 PRD	TRIP NORMAL	40BAY02 AA001 X38 007/014	40BYB01 XH 023 GH	W/4O Bk/4O	40BAY8002	UVG48ACV		2287	A 2	H/W 366
40BBT10 GT100 XW85	UNIT TRFR 4A 11kV E/F STAGE 1	TRIP NORMAL	40BAY02 AA001 X39 002/009	40BYB01 XH 024 AB	Be/1V R/1V	40BAY8002	UVG48ACV		2288	A 2	H/W 367
40BBT10 GT200 XW95	UNIT TRFR 4A 11kV E/F STAGE 2	TRIP NORMAL	40BAY02 AA001 X39 003/010	40BYB01 XH 024 CD	Gy/1V Y/1V	40BAY8002	UVG48ACV		2289	A 2	H/W 368
40BBT10 GT100 XW93	UNIT TRFR 4A BUCH	TRIP NORMAL	40BAY02 AA001 X39 004/011	40BYB01 XH 024 EF	Gn/1V Bn/1V	40BAY8002	UVG48ACV		2290	A 2	H/W 369
40BBT10 GT100 XW94	UNIT TRFR 4A WINDING TEMP	TRIP NORMAL	40BAY02 AA001 X39 005/012	40BYB01 XH 024 GH	W/1V Bk/1V	40BAY8002	UVG48ACV		2291	A 2	H/W 370
40BBT10 GT100 XW97	UNIT TRFR 4A PRD	TRIP NORMAL	40BAY02 AA001 X39 006/013	40BYB01 XH 025 AB	Be/2V R/2V	40BAY8002	UVG48ACV		2292	A 2	H/W 371
40BBT20 GT100 XW85	UNIT TRFR 4B 22kV EARTH FAULT	TRIP NORMAL	40BAY02 AA001 X40 001/008	40BYB01 XH 025 EF	Gn/2V Bn/2V	40BAY8002	UVG48ACV		2293	A 2	H/W 372
40BBT20 GT100 XW27	UNIT TRFR 4B 11kV E/F STAGE 1	TRIP NORMAL	40BAY02 AA001 X40 002/009	40BYB01 XH 025 GH	W/2V Bk/2V	40BAY8002	UVG48ACV		2294	A 2	H/W 373
40BBT20 GT200 XW95	UNIT TRFR 4B 11kV E/F STAGE 2	TRIP NORMAL	40BAY02 AA001 X40 003/010	40BYB01 XH 026 AB	Be/3V R/3V	40BAY8002	UVG48ACV		2295	A 2	H/W 374
40BBT20 GT100 XW93	UNIT TRFR 4B BUCH	TRIP NORMAL	40BAY02 AA001 X40 004/011	40BYB01 XH 026 CD	Gy/3V Y/3V	40BAY8002	UVG48ACV		2296	A 2	H/W 375
40BBT20 GT100 XW94	UNIT TRFR 4B WINDING TEMP	TRIP NORMAL	40BAY02 AA001 X40 005/012	40BYB01 XH 026 EF	Gn/3V Bn/3V	40BAY8002	UVG48ACV		2297	A 2	H/W 376
40BBT20 GT100 XW97	UNIT TRFR 4B PRD	TRIP NORMAL	40BAY02 AA001 X40 006/013	40BYB01 XH 026 GH	W/3V Bk/3V	40BAY8002	UVG48ACV		2298	A 2	H/W 377
40MKA10 EW002 XW39	GEN 4 M2 EXCITATION TRIP DC	FAIL NORMAL	40BAY02 AA001 X51 053/058	40BYB01 XH 027 CD	Gy/4V Y/4V	40BAY8002	UVG48ACV		2299	A 1	H/W 378
40MKA10 EW002 XW51	GEN 4 M2 PROT CUB DC	FAIL NORMAL	40BAY02 AA001 X51 047/048	40BYB01 XH 027 EF	Gn/4V Bn/4V	40BAY8002	UVG48ACV		2300	A 1	H/W 379
40BAT10 XW35	GEN TRFR 4 COOLER	FAIL NORMAL	40BAY13 DA001 X01 002/012	40BYB01 XH 028 AB	Be/1P R/1P	40BAY8006	UVG8ACV		2301	A 1	H/W 380
40BAT10 XW55	GEN TRFR 4 BUCH	ALARM NORMAL	40BAY13 DA001 X01 003/014	40BYB01 XH 028 CD	Gy/1P Y/1P	40BAY8006	UVG8ACV		2302	A 1	H/W 381
40BAT10 XW30	GEN TRFR 4 TAP CHG OIL LEVEL	LOW NORMAL	40BAY13 DA001 X01 006/017	40BYB01 XH 028 EF	Gn/1P Bn/1P	40BAY8006	UVG8ACV		2303	A 1	H/W 382
40BAT10 XW56	GEN TRFR 4 WINDING TEMP	ALARM NORMAL	40BAY13 DA001 X01 009/019	40BYB01 XH 029 AB	Be/2P R/2P	40BAY8006	UVG8ACV		2304	A 1	H/W 383

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40BAT10 XW57	GEN TRFR 4 OIL TEMP	ALARM NORMAL	40BAY13 DA001 X01 010/020	40BYB01 XH 029 CD	Gy/2P Y/2P	40BAY8006	UVG8ACV		2305	A 1	H/W 384
40BAC00 XW89	GEN 4 22kV BKR CLOSE	UNHEALTH NORMAL	40BAY30 AA001 X03 031/032	40BYB01 XH 030 AB	Be/1P R/1P	40BAY8007	UVG8ACV		2306	A 1	H/W 385
40BAC00 XW52	GEN 4 22KV BKR TRIP	UNHEALTH NORMAL	40BAY30 AA001 X03 033/034	40BYB01 XH 030 CD	Gy/1P Y/1P	40BAY8007	UVG8ACV		2307	A 1	H/W 386
40BAC00 XW46	GEN 4 22kV BKR AIR FILLING	FAULT NORMAL	40BAY30 AA001 X03 037/038	40BYB01 XH 030 EF	Gn/1P Bn/1P	40BAY8007	UVG8ACV		2308	A 1	H/W 387
40BAA00 XW98	GEN 4 22kV TRFR DUCTING PRESSURE	LOW NORMAL	40BAA00 GH002 X01 004/005	40BYB01 XH 001 AB	Be/1P R/1P	40BAA8001	UVG4ACV		2309	A 1	H/W 388
40BAC00 XW59	GEN 4 22kV BKR POLE	DISCREP NORMAL	40BAY30 AA001 X03 041/042	40BYB01 XH 031 AB	Be/2P R/2P	40BAY8007	UVG8ACV		2310	A 2	H/W 389
40BAC00 XW53	GEN 4 22kV BKR 85 DEG CELCIUS	TRIP NORMAL	40BAY02 AA001 X38 003/010	40BYB01 XH 032 GH	W/1P Bk/1P	40BAY8008	UVG8ACV		2311	A 2	H/W 390
40ACA10 GS101 XW42	GEN 4 400kV BKR SYNCHRONISING	IN OPER COMPLETE	40BAY03 AA001 X06 172/173	40BYB01 XH 034 AB	Be/1P R/1P	40BAY8009	UVG20ACV		2312	A 3	H/W 391
40BAC00 XW31	GEN 4 22kV BKR REPEAT CONTACT	DISCREP NORMAL	40BAY03 AA001 X06 217/218	40BYB01 XH 034 CD	Gy/1P Y/1P	40BAY8009	UVG20ACV		2313	A 1	H/W 392
40BAC00 XW42	GEN 4 22kV BKR SYNCHRONISING	IN OPER COMPLETE	40BAY03 AA001 X06 181/182	40BYB01 XH 034 EF	Gn/1P Bn/1P	40BAY8009	UVG20ACV		2314	A 3	H/W 393
40BAT10 GT300 XW36	GEN TRFR 4 TAP CHG BUSWIRE TIMER	FAULT NORMAL	40BAY03 AA001 X07 047/048	40BYB01 XH 034 GH	W/1P Bk/1P	40BAY8009	UVG20ACV		2315	A 1	H/W 394
40BAT10 XW48	GEN TRFR 4 TAP CHANGE DC	FAIL NORMAL	40BAY03 AA001 X10 002/012	40BYB01 XH 035 AB	Be/2P R/2P	40BAY8009	UVG20ACV		2316	A 1	H/W 395
40BAT10 XW50	GEN TRFR 4 TAP CHG MOTOR RUNNING	FAULT NORMAL	40BAY03 AA001 X07 041/042	40BYB01 XH 035 CD	Gy/2P Y/2P	40BAY8009	UVG20ACV		2317	A 1	H/W 396
40MKA10 XW37	GEN 4 SYNC CIRCUITS DC	FAIL NORMAL	40BAY03 AA001 X10 001/011	40BYB01 XH 035 EF	Gn/2P Bn/2P	40BAY8009	UVG20ACV		2318	A 1	H/W 397
40BAC00 XW51	GEN 4 PROT SYNCH CUB DC SUPPLY	FAIL NORMAL	40BAY03 AA001 X10 003/013	40BYB01 XH 035 GH	W/2P Bk/2P	40BAY8009	UVG20ACV		2319	A 1	H/W 398
40BAT10 XW69	GEN TRFR 4 TAP CHG LOCKOUT	OPER NORMAL	40BAY03 AA001 X07 053/054	40BYB01 XH 036 AB	Be/3P R/3P	40BAY8009	UVG20ACV		2320	A 1	H/W 399
40BBY01 XW53	11kV UNIT BD 4 BUS ZONE PROT	TRIP NORMAL	40BBY01 AA001 X00 021/023	40BYB01 XH 039 AB	Be/1P R/1P	40BBY8001	UVG8ACV		2321	A 2	H/W 400
40BBY01 XW51	11kV UNIT BD 4 BUS ZONE DC	FAIL NORMAL	40BBY01 AA001 X00 025/029	40BYB01 XH 039 CD	Gy/1P Y/1P	40BBY8001	UVG8ACV		2322	A 1	H/W 401
40BBY01 XW59	11kV UNIT BD 4 BUS ZONE DISCREP	ALARM NORMAL	40BBY01 AA001 X00 031/033	40BYB01 XH 039 EF	Gn/1P Bn/1P	40BBY8001	UVG8ACV		2323	A 1	H/W 402
40BBY01 ES001 XW60	11kV UNIT BD 4 Z1 BUS ZONE PROT	ISOLATED NORMAL	40BBY01 AA001 X00 035/037	40BYB01 XH 039 GH	W/1P Bk/1P	40BBY8001	UVG8ACV		2324	A 1	H/W 403
40BBY02 XW53	6 6kV SERV BD 4 BUS ZONE PROT	TRIP NORMAL	40BBY02 AA001 X00 021/023	40BYB01 XH 041 AB	Be/1P R/1P	40BBY8002	UVG8ACV		2325	A 2	H/W 404
40BBY02 XW51	6 6kV SERV BD 4 BUS ZONE DC	FAIL NORMAL	40BBY02 AA001 X00 025/029	40BYB01 XH 041 CD	Gy/1P Y/1P	40BBY8002	UVG8ACV		2326	A 1	H/W 405
40BBY02 XW59	6 6kV SERV BD 4 BUS ZONE DISCREP	ALARM NORMAL	40BBY02 AA001 X00 031/033	40BYB01 XH 041 EF	Gn/1P Bn/1P	40BBY8002	UVG8ACV		2327	A 1	H/W 406
40BBY02 ES001 XW60	6 6kV SERV BD 4 Z1 BUS ZONE PROT	ISOLATED NORMAL	40BBY02 AA001 X00 035/037	40BYB01 XH 041 GH	W/1P Bk/1P	40BBY8002	UVG8ACV		2328	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
40BBT10 GT100 XW56	UNIT TRFR 4A WINDING TEMP	ALARM NORMAL	40BBY11 CA001 X02 009/020	40BYB01 XH 043 AB	Be/1P R/1P	40BBY8003	UVG8ACV		2329	A 1	H/W 408
40BBT10 GT100 XW57	UNIT TRFR 4A OIL TEMP	ALARM NORMAL	40BBY11 CA001 X02 010/021	40BYB01 XH 043 CD	Gy/1P Y/1P	40BBY8003	UVG8ACV		2330	A 1	H/W 409
40BBT10 GT100 XW55	UNIT TRFR 4A BUCH	ALARM NORMAL	40BBY11 CA001 X02 011/022	40BYB01 XH 043 EF	Gn/1P Bn/1P	40BBY8003	UVG8ACV		2331	A 1	H/W 410
40BBT10 GT100 XW35	UNIT TRFR 4A COOLER	FAIL NORMAL	40BBY11 CA001 X02 018/029	40BYB01 XH 043 GH	W/1P Bk/1P	40BBY8003	UVG8ACV		2332	A 1	H/W 411
40BBT10 GT100 XW96	UNIT TRFR 4A OIL LEVEL	LOW NORMAL	40BBY11 CA001 X02 015/026	40BYB01 XH 044 GH	W/2P Bk/2P	40BBY8003	UVG8ACV		2333	A 1	H/W 412
40BBT20 GT100 XW56	UNIT TRFR 4B WINDING TEMP	ALARM NORMAL	40BBY21 CA001 X02 009/020	40BYB01 XH 045 AB	Be/1P R/1P	40BBY8004	UVG8ACV		2334	A 1	H/W 413
40BBT20 GT100 XW57	UNIT TRFR 4B OIL TEMP	ALARM NORMAL	40BBY21 CA001 X02 010/021	40BYB01 XH 045 CD	Gy/1P Y/1P	40BBY8004	UVG8ACV		2335	A 1	H/W 414
40BBT20 GT100 XW55	UNIT TRFR 4B BUCH	ALARM NORMAL	40BBY21 CA001 X02 011/022	40BYB01 XH 045 EF	Gn/1P Bn/1P	40BBY8004	UVG8ACV		2336	A 1	H/W 415
40BBT20 GT100 XW35	UNIT TRFR 4B COOLER	FAIL NORMAL	40BBY21 CA001 X02 018/029	40BYB01 XH 045 GH	W/1P Bk/1P	40BBY8004	UVG8ACV		2337	A 1	H/W 416
40BBT20 GT100 XW96	UNIT TRFR 4B OIL LEVEL	LOW NORMAL	40BBY21 CA001 X02 015/026	40BYB01 XH 046 AB	Be/2P R/2P	40BBY8004	UVG8ACV		2338	A 1	H/W 417
40BFB00 XW51	380V UNIT STANDBY BD 4 DC	FAIL NORMAL	40BFB01 AA001 X05 137/138	40BYB01 XH 047 AB	Be/1P R/1P	40BFB8201	UVG4ACV		2339	A 1	H/W 418
40BFB00 XW54	380V UNIT STANDBY BD 4 U/V	ALARM NORMAL	40BFB01 AA001 X05 170/171	40BYB01 XH 047 CD	Gy/1P Y/1P	40BFB8201	UVG4ACV	I 21 4	2340	A 1	H/W 419
40MKA10 EW001 XW22	GEN 4 M1 GROUP	TRIP NORMAL	40BAY01 AA001 X24 007/014	40BYB01 XH 004 AB	Be/1P R/1P	40BAY8001	UVG48ACV	I 22 2	2341	A 2	H/W 420
40MKA10 AA001 XW53	GEN 4 DIFF R PHASE	TRIP NORMAL	40BAY01 AA001 X23 001/008	40BYB01 XH 004 CD	Gy/1P Y/1P	40BAY8001	UVG48ACV		2342	A 2	H/W 421
40MKA10 XW21	GEN 4 POLE SLIP	TRIP NORMAL	40BAY01 AA001 X32 002/009	40BYB01 XH 004 EF	Gn/1P Bn/1P	40BAY8001	UVG48ACV		2343	A 1	H/W 422
40MKA10 EW001 XW10	GEN 4 M1 NEG PHASE SEQUENCE	ALARM NORMAL	40BAY01 AA001 X32 003/010	40BYB01 XH 004 GH	W/1P Bk/1P	40BAY8001	UVG48ACV		2344	A 1	H/W 423
40BFF00 XW51	380V U4 FLY ASH BUNK BD DC	FAIL NORMAL	40BFF01 AA001 X05 137/138	40BYB01 XH 053 AB	Be/1P R/1P	40BFF8001	UVG4ACV		2345	A 1	H/W 424
40BFF00 XW54	380V U4 FLY ASH BUNKER BD U/V	ALARM NORMAL	40BFF01 AA001 X05 170/171	40BYB01 XH 053 CD	Gy/1P Y/1P	40BFF8001	UVG4ACV	I 21 5	2346	A 1	H/W 425
40MKA10 EW001 XW11	GEN 4 M1 NEG PHASE SEQUENCE	TRIP NORMAL	40BAY01 AA001 X32 004/011	40BYB01 XH 005 AB	Be/2P R/2P	40BAY8001	UVG48ACV		2347	A 2	H/W 426
40BLA00 XW51	380V UNIT LIGHTING BD 4 DC	FAIL NORMAL	40BLA01 AA001 X05 137/138	40BYB01 XH 055 AB	Be/1P R/1P	40BLA8001	UVG4ACV		2348	A 1	H/W 427
40BLA00 XW54	380V UNIT LIGHTING BD 4 U/V	ALARM NORMAL	40BLA01 AA001 X05 170/171	40BYB01 XH 055 CD	Gy/1P Y/1P	40BLA8001	UVG4ACV	I 21 6	2349	A 1	H/W 428
40MKA10 XW19	GEN 4 UNDER FREQUENCY	TRIP NORMAL	40BAY01 AA001 X33 001/008	40BYB01 XH 005 EF	Gn/2P Bn/2P	40BAY8001	UVG48ACV		2350	A 2	H/W 429
40BTL10 XW61	220V UNIT 4 BATTERY CHGR C	UNHEALTH NORMAL	40BTL10 AA001 X02 025/026	40BYB01 XH 057 AB	Be/1P R/1P	40BTL8001	UVG4ACV		2351	A 1	H/W 430
40BMA12 XW51	380V U/DIESEL GEN BD 4 CUB12 DC	FAIL NORMAL	40BMA12 AA001 X05 137/138	40BYB01 XH 058 AB	Be/1P R/1P	40BMA8201	UVG4ACV		2352	A 1	H/W 431

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40MKA10 AA002 XW53	GEN 4 DIFF W PHASE	TRIP NORMAL	40BAY01 AA001 X23 002/009	40BYB01 XH 006 EF	Gn/3P Bn/3P	40BAY8001	UVG48ACV		2353	A 2	H/W 432
40BMA13 XW51	380V U/DIESEL GEN BD 4 CUB13 DC	FAIL NORMAL	40BMA13 AA001 X05 137/138	40BYB01 XH 059 AB	Be/1P R/1P	40BMA8202	UVG4ACV		2354	A 1	H/W 433
40BMA14 XW51	380V U/DIESEL GEN BD 4 CUB14 DC	FAIL NORMAL	40BMA14 AA001 X05 137/138	40BYB01 XH 060 AB	Be/1P R/1P	40BMA8203	UVG4ACV		2355	A 1	H/W 434
40BMA15 XW51	380V U/DIESEL GEN BD 4 CUB15 DC	FAIL NORMAL	40BMA15 AA001 X05 137/138	40BYB01 XH 061 AB	Be/1P R/1P	40BMA8204	UVG4ACV		2356	A 1	H/W 435
40BMB00 XW54	380V U4 LIGHTING ESSEN BD U/V	ALARM NORMAL	40BMB01 AA001 X05 289/290	40BYB01 XH 062 AB	Be/1P R/1P	40BMB8001	UVG4ACV	I 22 0	2357	A 1	H/W 436
40XKA10 XW96	UNIT 4 DIESEL GEN FUEL	LOW NORMAL	40BMY02 AA001 X05 219/220	40BYB01 XH 063 AB	Be/1P R/1P	40BMY8001	UVG8ACV		2358	A 1	H/W 437
40BMA00 XW65	UNIT 4 DIESEL GEN 380V SYSTEM	UNHEALTH NORMAL	40BMY02 AA001 X05 225/226	40BYB01 XH 063 CD	Gy/1P Y/1P	40BMY8001	UVG8ACV		2359	A 1	H/W 438
40XKA10 XB01	UNIT 4 DIESEL GEN	RUNNING STOPPED	40BMY02 AA001 X05 193/194	40BYB01 XH 063 EF	Gn/1P Bn/1P	40BMY8001	UVG8ACV		2360	A 3	H/W 439
40XKA10 XW64	UNIT 4 DIESEL GEN 3 3kV SYSTEM	UNHEALTH NORMAL	40BMY02 AA001 X05 222/223	40BYB01 XH 063 GH	W/1P Bk/1P	40BMY8001	UVG8ACV		2361	A 1	H/W 440
40BTP10 XW61	+24V UNIT 4 BATTERY CHGR A1	UNHEALTH NORMAL	40BTP10 AA001 X02 025/026	40BYB01 XH 065 AB	Be/1P R/1P	40BTP8001	UVG4ACV		2362	A 1	H/W 441
40BTP20 XW61	-24V UNIT 4 BATTERY CHGR A2	UNHEALTH NORMAL	40BTP20 AA001 X02 025/026	40BYB01 XH 066 AB	Be/1P R/1P	40BTP8002	UVG4ACV		2363	A 1	H/W 442
40BTP30 XW61	+24V UNIT 4 BATTERY CHGR B1	UNHEALTH NORMAL	40BTP30 AA001 X02 025/026	40BYB01 XH 067 AB	Be/1P R/1P	40BTP8003	UVG4ACV		2364	A 1	H/W 443
40BTP40 XW61	-24V UNIT 4 BATTERY CHGR B2	UNHEALTH NORMAL	40BTP40 AA001 X02 025/026	40BYB01 XH 068 AB	Be/1P R/1P	40BTP8004	UVG4ACV		2365	A 1	H/W 444
40BYA01 XW20	UNIT 4 MEAS PANEL SUPPLY	FAIL NORMAL	40BYA01 AA001 X70 001/002	40BYB01 XW 001 AB	W Be	40BYA8002	TVH10BR		2366	A 1	H/W 445
40MKA10 EW001 XW17	GEN 4 M1 REV POWER LONG TIME	TRIP NORMAL	40BAY01 AA001 X36 001/008	40BYB01 XH 006 GH	W/3P Bk/3P	40BAY8001	UVG48ACV		2367	A 2	H/W 446
40MKA10 EW001 XW16	GEN 4 M1 REV POWER SHORT TIME	TRIP NORMAL	40BAY01 AA001 X36 002/009	40BYB01 XH 007 AB	Be/4P R/4P	40BAY8001	UVG48ACV		2368	A 2	H/W 447
40MKA10 XW76	GEN 4 OVERVOLTAGE	TRIP NORMAL	40BAY01 AA001 X36 005/012	40BYB01 XH 007 CD	Gy/4P Y/4P	40BAY8001	UVG48ACV		2369	A 2	H/W 448
40BAT10 GT100 XW12	GEN TRFR 4 OVERFLUXING STAGE 1	ALARM NORMAL	40BAY01 AA001 X31 005/012	40BYB01 XH 007 EF	Gn/4P Bn/4P	40BAY8001	UVG48ACV		2370	A 2	H/W 449
40BFT13 XW58	11kV UNIT BD 4A CUB06 TRFR DC	FAIL NORMAL	41BBA06 AA001 X03 061/062	40BYB01 XH 070 AB	Be/1P R/1P	41BBA8015	UVG4ACV		2371	A 1	H/W 450
40BFT11 XW58	11kV UNIT BD 4A CUB07 TRFR DC	FAIL NORMAL	41BBA07 AA001 X03 061/062	40BYB01 XH 071 AB	Be/1P R/1P	41BBA8016	UVG4ACV		2372	A 1	H/W 451
40BFT31 XW58	11kV UNIT BD 4A CUB08 TRFR DC	FAIL NORMAL	41BBA08 AA001 X03 061/062	40BYB01 XH 072 AB	Be/1P R/1P	41BBA8017	UVG4ACV		2373	A 1	H/W 452
41BBA01 XW51	11kV UNIT BD 4A CUB01 DC	FAIL NORMAL	41BBA01 AA001 X03 020/019	40BYB01 XH 073 AB	Be/1P R/1P	41BBA8201	UVG4ACV		2374	A 1	H/W 453
41BBA01 XW52	11kV UNIT BD 4A CUB01 T/CCT	FAULT NORMAL	41BBA01 AA001 X03 021/022	40BYB01 XH 073 CD	Gy/1P Y/1P	41BBA8201	UVG4ACV		2375	A 1	H/W 454
41BBA00 XW54	11kV UNIT BD 4A U/V	ALARM NORMAL	41BBA01 AA001 X03 023/024	40BYB01 XH 073 EF	Gn/1P Bn/1P	41BBA8201	UVG4ACV	I 20 1	2376	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
42BBA00 XW54	11kV UNIT BD 4B U/V	ALARM NORMAL	41BBA01 AA001 X03 025/026	40BYB01 XH 073 GH	W/1P Bk/1P	41BBA8201	UVG4ACV	I 20 2	2377	A 1	H/W 456
41BBA03 XW51	11kV UNIT BD 4A CUB03 DC	FAIL NORMAL	41BBA03 AA001 X03 044/043	40BYB01 XH 074 AB	Be/1P R/1P	41BBA8203	UVG4ACV		2378	A 1	H/W 457
41BBA03 XW52	11kV UNIT BD 4A CUB03 T/CCT	FAULT NORMAL	41BBA03 AA001 X03 045/046	40BYB01 XH 074 CD	Gy/1P Y/1P	41BBA8203	UVG4ACV		2379	A 1	H/W 458
41BBA03 XW53	11kV UNIT BD 4A CUB03 PROT	TRIP NORMAL	41BBA03 AA001 X03 047/048	40BYB01 XH 074 EF	Gn/1P Bn/1P	41BBA8203	UVG4ACV		2380	A 2	H/W 459
41BBA05 XW51	11kV UNIT BD 4A CUB05 DC	FAIL NORMAL	41BBA05 AA001 X03 027/028	40BYB01 XH 075 AB	Be/1P R/1P	41BBA8205	UVG8ACV		2381	A 1	H/W 460
41BBA05 XW52	11kV UNIT BD 4A CUB05 T/CCT	FAULT NORMAL	41BBA05 AA001 X03 031/032	40BYB01 XH 075 CD	Gy/1P Y/1P	41BBA8205	UVG8ACV		2382	A 1	H/W 461
41BBA05 XW53	11kV UNIT BD 4A CUB05 PROT	TRIP NORMAL	41BBA05 AA001 X03 029/030	40BYB01 XH 075 EF	Gn/1P Bn/1P	41BBA8205	UVG8ACV		2383	A 2	H/W 462
40BCT10 XW55	11kV UNIT BD 4A CUB05 BUCH	ALARM NORMAL	41BBA05 AA001 X03 055/056	40BYB01 XH 075 GH	W/1P Bk/1P	41BBA8205	UVG8ACV		2384	A 1	H/W 463
40BCT10 XW57	11kV UNIT BD 4A CUB05 OIL TEMP	ALARM NORMAL	41BBA05 AA001 X03 057/058	40BYB01 XH 076 AB	Be/2P R/2P	41BBA8205	UVG8ACV		2385	A 1	H/W 464
40BCT10 XW56	11kV UNIT BD 4A CUB05 WDG TEMP	ALARM NORMAL	41BBA05 AA001 X03 059/060	40BYB01 XH 076 CD	Gy/2P Y/2P	41BBA8205	UVG8ACV		2386	A 1	H/W 465
40MKA10 AA003 XW53	GEN 4 DIFF B PHASE	TRIP NORMAL	40BAY01 AA001 X23 003/010	40BYB01 XH 008 CD	Gy/1O Y/1O	40BAY8001	UVG48ACV		2387	A 2	H/W 466
41BBA06 XW51	11kV UNIT BD 4A CUB06 DC	FAIL NORMAL	41BBA06 AA001 X03 043/044	40BYB01 XH 077 AB	Be/1P R/1P	41BBA8206	UVG4ACV		2388	A 1	H/W 467
41BBA06 XW52	11kV UNIT BD 4A CUB06 T/CCT	FAULT NORMAL	41BBA06 AA001 X03 045/046	40BYB01 XH 077 CD	Gy/1P Y/1P	41BBA8206	UVG4ACV		2389	A 1	H/W 468
41BBA06 XW53	11kV UNIT BD 4A CUB06 PROT	TRIP NORMAL	41BBA06 AA001 X03 047/048	40BYB01 XH 077 EF	Gn/1P Bn/1P	41BBA8206	UVG4ACV		2390	A 2	H/W 469
40BFT13 XW56	11kV UNIT BD 4A CUB06 WDG TEMP	ALARM NORMAL	41BBA06 AA001 X03 059/060	40BYB01 XH 077 GH	W/1P Bk/1P	41BBA8206	UVG4ACV		2391	A 1	H/W 470
41BBA07 XW51	11kV UNIT BD 4A CUB07 DC	FAIL NORMAL	41BBA07 AA001 X03 043/044	40BYB01 XH 078 AB	Be/1P R/1P	41BBA8207	UVG4ACV		2392	A 1	H/W 471
41BBA07 XW52	11kV UNIT BD 4A CUB07 T/CCT	FAULT NORMAL	41BBA07 AA001 X03 045/046	40BYB01 XH 078 CD	Gy/1P Y/1P	41BBA8207	UVG4ACV		2393	A 1	H/W 472
41BBA07 XW53	11kV UNIT BD 4A CUB07 PROT	TRIP NORMAL	41BBA07 AA001 X03 047/048	40BYB01 XH 078 EF	Gn/1P Bn/1P	41BBA8207	UVG4ACV		2394	A 2	H/W 473
40BFT11 XW56	11kV UNIT BD 4A CUB07 WDG TEMP	ALARM NORMAL	41BBA07 AA001 X03 059/060	40BYB01 XH 078 GH	W/1P Bk/1P	41BBA8207	UVG4ACV		2395	A 1	H/W 474
41BBA08 XW51	11kV UNIT BD 4A CUB08 DC	FAIL NORMAL	41BBA08 AA001 X03 043/044	40BYB01 XH 079 AB	Be/1P R/1P	41BBA8208	UVG4ACV		2396	A 1	H/W 475
41BBA08 XW52	11kV UNIT BD 4A CUB08 T/CCT	FAULT NORMAL	41BBA08 AA001 X03 045/046	40BYB01 XH 079 CD	Gy/1P Y/1P	41BBA8208	UVG4ACV		2397	A 1	H/W 476
41BBA08 XW53	11kV UNIT BD 4A CUB08 PROT	TRIP NORMAL	41BBA08 AA001 X03 047/048	40BYB01 XH 079 EF	Gn/1P Bn/1P	41BBA8208	UVG4ACV		2398	A 2	H/W 477
40BFT31 XW56	11kV UNIT BD 4A CUB08 WDG TEMP	ALARM NORMAL	41BBA08 AA001 X03 059/060	40BYB01 XH 079 GH	W/1P Bk/1P	41BBA8208	UVG4ACV		2399	A 1	H/W 478
41BBA09 XW51	11kV UNIT BD 4A CUB09 DC	FAIL NORMAL	41BBA09 AA001 X03 043/044	40BYB01 XH 080 AB	Be/1P R/1P	41BBA8209	UVG8ACV		2400	A 1	H/W 479

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41BBA09 XW52	11kV UNIT BD 4A CUB09 T/CCT	FAULT NORMAL	41BBA09 AA001 X03 045/046	40BYB01 XH 080 CD	Gy/1P Y/1P	41BBA8209	UVG8ACV		2401	A 1	H/W 480
41BBA09 XW53	11kV UNIT BD 4A CUB09 PROT	TRIP NORMAL	41BBA09 AA001 X03 047/048	40BYB01 XH 080 EF	Gn/1P Bn/1P	41BBA8209	UVG8ACV		2402	A 2	H/W 481
40BFT41 XW55	11kV UNIT BD 4A CUB09 BUCH	ALARM NORMAL	41BBA09 AA001 X03 055/056	40BYB01 XH 080 GH	W/1P Bk/1P	41BBA8209	UVG8ACV		2403	A 1	H/W 482
40BFT41 XW57	11kV UNIT BD 4A CUB09 OIL TEMP	ALARM NORMAL	41BBA09 AA001 X03 057/058	40BYB01 XH 081 AB	Be/2P R/2P	41BBA8209	UVG8ACV		2404	A 1	H/W 483
41BBA10 XW51	11kV UNIT BD 4A CUB10 DC	FAIL NORMAL	41BBA10 AA001 X03 028/027	40BYB01 XH 082 AB	Be/1P R/1P	41BBA8210	UVG4ACV		2405	A 1	H/W 484
41BBA10 XW52	11kV UNIT BD 4A CUB10 T/CCT	FAULT NORMAL	41BBA10 AA001 X03 031/032	40BYB01 XH 082 CD	Gy/1P Y/1P	41BBA8210	UVG4ACV		2406	A 1	H/W 485
41BBA10 XW53	11kV UNIT BD 4A CUB10 PROT	TRIP NORMAL	41BBA10 AA001 X03 029/030	40BYB01 XH 082 EF	Gn/1P Bn/1P	41BBA8210	UVG4ACV		2407	A 2	H/W 486
41BBA12 XW51	11kV UNIT BD 4A CUB12 DC	FAIL NORMAL	41BBA12 AA001 X03 043/044	40BYB01 XH 083 AB	Be/1P R/1P	41BBA8212	UVG4ACV		2408	A 1	H/W 487
41BBA12 XW52	11kV UNIT BD 4A CUB12 T/CCT	FAULT NORMAL	41BBA12 AA001 X03 045/046	40BYB01 XH 083 CD	Gy/1P Y/1P	41BBA8212	UVG4ACV		2409	A 1	H/W 488
41BBA12 XW53	11kV UNIT BD 4A CUB12 PROT	TRIP NORMAL	41BBA12 AA001 X03 047/048	40BYB01 XH 083 EF	Gn/1P Bn/1P	41BBA8212	UVG4ACV		2410	A 2	H/W 489
41BCA01 XW51	6 6kV SERV BD 4A CUB01 DC	FAIL NORMAL	41BCA01 AA001 X03 020/019	40BYB01 XH 084 AB	Be/1P R/1P	41BCA8201	UVG4ACV		2411	A 1	H/W 490
41BCA01 XW52	6 6kV SERV BD 4A CUB01 T/CCT	FAULT NORMAL	41BCA01 AA001 X03 021/022	40BYB01 XH 084 CD	Gy/1P Y/1P	41BCA8201	UVG4ACV		2412	A 1	H/W 491
41BCA00 XW54	6 6kV SERV BD 4A U/V	ALARM NORMAL	41BCA01 AA001 X03 023/024	40BYB01 XH 084 EF	Gn/1P Bn/1P	41BCA8201	UVG4ACV	I 20 0	2413	A 1	H/W 492
42BCA00 XW54	6 6kV SERV BD 4B U/V	ALARM NORMAL	41BCA01 AA001 X03 025/026	40BYB01 XH 084 GH	W/1P Bk/1P	41BCA8201	UVG4ACV	I 20 3	2414	A 1	H/W 493
41BCA02 XW51	6 6kV SERV BD 4A CUB02 DC	FAIL NORMAL	41BCA02 AA001 X03 038/037	40BYB01 XH 085 AB	Be/1P R/1P	41BCA8202	UVG4ACV		2415	A 1	H/W 494
41BCA02 XW52	6 6kV SERV BD 4A CUB02 T/CCT	FAULT NORMAL	41BCA02 AA001 X03 041/042	40BYB01 XH 085 CD	Gy/1P Y/1P	41BCA8202	UVG4ACV		2416	A 1	H/W 495
41BCA02 XW53	6 6kV SERV BD 4A CUB02 PROT	TRIP NORMAL	41BCA02 AA001 X03 039/040	40BYB01 XH 085 EF	Gn/1P Bn/1P	41BCA8202	UVG4ACV		2417	A 2	H/W 496
40MKA10 EW200 XW20	GEN 4 100% STATOR E/F SUPPLY	FAIL NORMAL	40BAY01 AA001 X52 081/082	40BYB01 XH 012 EF	Gn/1V Bn/1V	40BAY8001	UVG48ACV		2418	A 1	H/W 497
40MKA10 EW002 XW17	GEN 4 M2 REV POWER LONG TIME	TRIP NORMAL	40BAY02 AA001 X32 001/008	40BYB01 XH 016 CD	Gy/1P Y/1P	40BAY8002	UVG48ACV		2419	A 2	H/W 498
41BFA00 XW54	380V UNIT BD 4A U/V	ALARM NORMAL	41BFA20 AA001 X05 170/171	40BYB01 XH 087 CD	Gy/1P Y/1P	41BFA8201	UVG4ACV	I 20 4	2420	A 1	H/W 499
41BFA19 XW51	380V UNIT BD 4A DC	FAIL NORMAL	41BFA19 AA001 X05 137/138	40BYB01 XH 088 AB	Be/1P R/1P	41BFA8202	UVG4ACV		2421	A 1	H/W 500
41BFC00 XW51	380V UNIT PRECIP BD 4 DC	FAIL NORMAL	41BFC02 AA001 X05 137/138	40BYB01 XH 089 AB	Be/1P R/1P	41BFC8035	UVG4ACV		2422	A 1	H/W 501
40MKA10 EW002 XW16	GEN 4 M2 REV POWER SHORT TIME	TRIP NORMAL	40BAY02 AA001 X32 002/009	40BYB01 XH 016 EF	Gn/1P Bn/1P	40BAY8002	UVG48ACV		2423	A 2	H/W 502
41BFC00 XW54	380V UNIT PRECIP BD 4A U/V	ALARM NORMAL	41BFC02 AA001 X05 170/171	40BYB01 XH 090 CD	Gy/1P Y/1P	41BFC8036	UVG4ACV	I 20 5	2424	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
40MKA10 EW002 XW10	GEN 4 M2 NEG PHASE SEQUENCE	ALARM NORMAL	40BAY02 AA001 X32 003/010	40BYB01 XH 016 GH	W/1P Bk/1P	40BAY8002	UVG48ACV		2425	A 1	H/W 504
41BUA00 XW54	220V DC UNIT BD 4A SUPPLY	FAIL NORMAL	41BUA01 AA001 X02 001/003	40BYB01 XH 091 CD	Gy/1P Y/1P	41BUA8001	UVG4ACV		2426	A 1	H/W 505
40MKA10 XW13	GEN 4 BACK UP IMPEDANCE	TRIP NORMAL	40BAY02 AA001 X32 006/013	40BYB01 XH 017 CD	Gy/2P Y/2P	40BAY8002	UVG48ACV		2427	A 2	H/W 506
40MKA10 XW18	GEN 4 POWER PLANT DISCONNECTION	TRIP NORMAL	40BAY02 AA001 X33 001/008	40BYB01 XH 017 EF	Gn/2P Bn/2P	40BAY8002	UVG48ACV		2428	A 2	H/W 507
40MKA10 EW102 XW85	GEN 4 ROTOR E/F < 5 K OHM	TRIP NORMAL	40BAY02 AA001 X33 003/010	40BYB01 XH 018 AB	Be/3P R/3P	40BAY8002	UVG48ACV		2429	A 2	H/W 508
40MKA10 XW15	GEN 4 LOSS OF FIELD STAGE 2	TRIP NORMAL	40BAY02 AA001 X33 004/011	40BYB01 XH 018 CD	Gy/3P Y/3P	40BAY8002	UVG48ACV		2430	A 2	H/W 509
40BFT12 XW58	11kV UNIT BD 4B CUB06 TRFR DC	FAIL NORMAL	42BBA06 AA001 X03 061/062	40BYB01 XH 093 AB	Be/1P R/1P	42BBA8015	UVG4ACV		2431	A 1	H/W 510
40BFT14 XW58	11kV UNIT BD 4B CUB07 TRFR DC	FAIL NORMAL	42BBA07 AA001 X03 061/062	40BYB01 XH 094 AB	Be/1P R/1P	42BBA8016	UVG4ACV		2432	A 1	H/W 511
40BFT32 XW58	11kV UNIT BD 4B CUB08 TRFR DC	FAIL NORMAL	42BBA08 AA001 X03 061/062	40BYB01 XH 095 AB	Be/1P R/1P	42BBA8017	UVG4ACV		2433	A 1	H/W 512
40BFT61 XW58	11kV UNIT BD 4B CUB10 TRFR DC	FAIL NORMAL	42BBA10 AA001 X03 061/062	40BYB01 XH 096 AB	Be/1P R/1P	42BBA8018	UVG4ACV		2434	A 1	H/W 513
42BBA03 XW51	11kV UNIT BD 4B CUB03 DC	FAIL NORMAL	42BBA03 AA001 X03 044/043	40BYB01 XH 097 AB	Be/1P R/1P	42BBA8203	UVG4ACV		2435	A 1	H/W 514
42BBA03 XW52	11kV UNIT BD 4B CUB03 T/CCT	FAULT NORMAL	42BBA03 AA001 X03 045/046	40BYB01 XH 097 CD	Gy/1P Y/1P	42BBA8203	UVG4ACV		2436	A 1	H/W 515
42BBA03 XW53	11kV UNIT BD 4B CUB03 PROT	TRIP NORMAL	42BBA03 AA001 X03 047/048	40BYB01 XH 097 EF	Gn/1P Bn/1P	42BBA8203	UVG4ACV		2437	A 2	H/W 516
42BBA05 XW51	11kV UNIT BD 4B CUB05 DC	FAIL NORMAL	42BBA05 AA001 X03 027/028	40BYB01 XH 098 AB	Be/1P R/1P	42BBA8205	UVG8ACV		2438	A 1	H/W 517
42BBA05 XW52	11kV UNIT BD 4B CUB05 T/CCT	FAULT NORMAL	42BBA05 AA001 X03 031/032	40BYB01 XH 098 CD	Gy/1P Y/1P	42BBA8205	UVG8ACV		2439	A 1	H/W 518
42BBA05 XW53	11kV UNIT BD 4B CUB05 PROT	TRIP NORMAL	42BBA05 AA001 X03 029/030	40BYB01 XH 098 EF	Gn/1P Bn/1P	42BBA8205	UVG8ACV		2440	A 2	H/W 519
40BCT20 XW55	11kV UNIT BD 4B CUB05 BUCH	ALARM NORMAL	42BBA05 AA001 X03 055/056	40BYB01 XH 098 GH	W/1P Bk/1P	42BBA8205	UVG8ACV		2441	A 1	H/W 520
40BCT20 XW57	11kV UNIT BD 4B CUB05 OIL TEMP	ALARM NORMAL	42BBA05 AA001 X03 057/058	40BYB01 XH 099 AB	Be/2P R/2P	42BBA8205	UVG8ACV		2442	A 1	H/W 521
40BCT20 XW56	11kV UNIT BD 4B CUB05 WDG TEMP	ALARM NORMAL	42BBA05 AA001 X03 059/060	40BYB01 XH 099 CD	Gy/2P Y/2P	42BBA8205	UVG8ACV		2443	A 1	H/W 522
40MKA10 XW38	GEN 4 OVERFLUXING STAGE 1	TRIP NORMAL	40BAY02 AA001 X33 006/013	40BYB01 XH 018 GH	W/3P Bk/3P	40BAY8002	UVG48ACV		2444	A 2	H/W 523
42BBA06 XW51	11kV UNIT BD 4B CUB06 DC	FAIL NORMAL	42BBA06 AA001 X03 043/044	40BYB01 XH 100 AB	Be/1P R/1P	42BBA8206	UVG4ACV		2445	A 1	H/W 524
42BBA06 XW52	11kV UNIT BD 4B CUB06 T/CCT	FAULT NORMAL	42BBA06 AA001 X03 045/046	40BYB01 XH 100 CD	Gy/1P Y/1P	42BBA8206	UVG4ACV		2446	A 1	H/W 525
42BBA06 XW53	11kV UNIT BD 4B CUB06 PROT	TRIP NORMAL	42BBA06 AA001 X03 047/048	40BYB01 XH 100 EF	Gn/1P Bn/1P	42BBA8206	UVG4ACV		2447	A 2	H/W 526
40BFT12 XW56	11kV UNIT BD 4B CUB06 WDG TEMP	ALARM NORMAL	42BBA06 AA001 X03 059/060	40BYB01 XH 100 GH	W/1P Bk/1P	42BBA8206	UVG4ACV		2448	A 1	H/W 527

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42BBA07	XW51	11kV UNIT BD 4B CUB07 DC	FAIL NORMAL	42BBA07 AA001 X03 043/044	40BYB01 XH 101 AB	Be/1P R/1P	42BBA8207	UVG4ACV		2449	A 1	H/W 528
42BBA07	XW52	11kV UNIT BD 4B CUB07 T/CCT	FAULT NORMAL	42BBA07 AA001 X03 045/046	40BYB01 XH 101 CD	Gy/1P Y/1P	42BBA8207	UVG4ACV		2450	A 1	H/W 529
42BBA07	XW53	11kV UNIT BD 4B CUB07 PROT	TRIP NORMAL	42BBA07 AA001 X03 047/048	40BYB01 XH 101 EF	Gn/1P Bn/1P	42BBA8207	UVG4ACV		2451	A 2	H/W 530
40BFT14	XW56	11kV UNIT BD 4B CUB07 WDG TEMP	ALARM NORMAL	42BBA07 AA001 X03 059/060	40BYB01 XH 101 GH	W/1P Bk/1P	42BBA8207	UVG4ACV		2452	A 1	H/W 531
42BBA08	XW51	11kV UNIT BD 4B CUB08 DC	FAIL NORMAL	42BBA08 AA001 X03 043/044	40BYB01 XH 102 AB	Be/1P R/1P	42BBA8208	UVG4ACV		2453	A 1	H/W 532
42BBA08	XW52	11kV UNIT BD 4B CUB08 T/CCT	FAULT NORMAL	42BBA08 AA001 X03 045/046	40BYB01 XH 102 CD	Gy/1P Y/1P	42BBA8208	UVG4ACV		2454	A 1	H/W 533
42BBA08	XW53	11kV UNIT BD 4B CUB08 PROT	TRIP NORMAL	42BBA08 AA001 X03 047/048	40BYB01 XH 102 EF	Gn/1P Bn/1P	42BBA8208	UVG4ACV		2455	A 2	H/W 534
40BFT32	XW56	11kV UNIT BD 4B CUB08 WDG TEMP	ALARM NORMAL	42BBA08 AA001 X03 059/060	40BYB01 XH 102 GH	W/1P Bk/1P	42BBA8208	UVG4ACV		2456	A 1	H/W 535
42BBA09	XW51	11kV UNIT BD 4B CUB09 DC	FAIL NORMAL	42BBA09 AA001 X03 043/044	40BYB01 XH 103 AB	Be/1P R/1P	42BBA8209	UVG8ACV		2457	A 1	H/W 536
42BBA09	XW52	11kV UNIT BD 4B CUB09 T/CCT	FAULT NORMAL	42BBA09 AA001 X03 045/046	40BYB01 XH 103 CD	Gy/1P Y/1P	42BBA8209	UVG8ACV		2458	A 1	H/W 537
42BBA09	XW53	11kV UNIT BD 4B CUB09 PROT	TRIP NORMAL	42BBA09 AA001 X03 047/048	40BYB01 XH 103 EF	Gn/1P Bn/1P	42BBA8209	UVG8ACV		2459	A 2	H/W 538
40BFT42	XW55	11kV UNIT BD 4B CUB09 BUCH	ALARM NORMAL	42BBA09 AA001 X03 055/056	40BYB01 XH 103 GH	W/1P Bk/1P	42BBA8209	UVG8ACV		2460	A 1	H/W 539
40BFT42	XW57	11kV UNIT BD 4B CUB09 OIL TEMP	ALARM NORMAL	42BBA09 AA001 X03 057/058	40BYB01 XH 104 AB	Be/2P R/2P	42BBA8209	UVG8ACV		2461	A 1	H/W 540
42BBA10	XW51	11kV UNIT BD 4B CUB10 DC	FAIL NORMAL	42BBA10 AA001 X03 043/044	40BYB01 XH 105 AB	Be/1P R/1P	42BBA8210	UVG4ACV		2462	A 1	H/W 541
42BBA10	XW52	11kV UNIT BD 4B CUB10 T/CCT	FAULT NORMAL	42BBA10 AA001 X03 045/046	40BYB01 XH 105 CD	Gy/1P Y/1P	42BBA8210	UVG4ACV		2463	A 1	H/W 542
42BBA10	XW53	11kV UNIT BD 4B CUB10 PROT	TRIP NORMAL	42BBA10 AA001 X03 047/048	40BYB01 XH 105 EF	Gn/1P Bn/1P	42BBA8210	UVG4ACV		2464	A 2	H/W 543
40BFT61	XW56	11kV UNIT BD 4B CUB10 WDG TEMP	ALARM NORMAL	42BBA10 AA001 X03 059/060	40BYB01 XH 105 GH	W/1P Bk/1P	42BBA8210	UVG4ACV		2465	A 1	H/W 544
42BBA11	XW51	11kV UNIT BD 4B CUB11 DC	FAIL NORMAL	42BBA11 AA001 X03 043/044	40BYB01 XH 106 AB	Be/1P R/1P	42BBA8211	UVG8ACV		2466	A 1	H/W 545
42BBA11	XW52	11kV UNIT BD 4B CUB11 T/CCT	FAULT NORMAL	42BBA11 AA001 X03 045/046	40BYB01 XH 106 CD	Gy/1P Y/1P	42BBA8211	UVG8ACV		2467	A 1	H/W 546
42BBA11	XW53	11kV UNIT BD 4B CUB11 PROT	TRIP NORMAL	42BBA11 AA001 X03 047/048	40BYB01 XH 106 EF	Gn/1P Bn/1P	44BBA8211	UVG8ACV		2468	A 2	H/W 547
40BFT71	XW55	11kV UNIT BD 4B CUB11 BUCH	ALARM NORMAL	42BBA11 AA001 X03 055/056	40BYB01 XH 106 GH	W/1P Bk/1P	42BBA8211	UVG8ACV		2469	A 1	H/W 548
40BFT71	XW57	11kV UNIT BD 4B CUB11 OIL TEMP	ALARM NORMAL	42BBA11 AA001 X03 057/058	40BYB01 XH 107 AB	Be/2P R/2P	44BBA8211	UVG8ACV		2470	A 1	H/W 549
42BBA12	XW51	11kV UNIT BD 4B CUB12 DC	FAIL NORMAL	42BBA12 AA001 X03 043/044	40BYB01 XH 108 AB	Be/1P R/1P	42BBA8212	UVG4ACV		2471	A 1	H/W 550
42BBA12	XW52	11kV UNIT BD 4B CUB12 T/CCT	FAULT NORMAL	42BBA12 AA001 X03 045/046	40BYB01 XH 108 CD	Gy/1P Y/1P	42BBA8212	UVG4ACV		2472	A 1	H/W 551

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42BBA12 XW53	11kV UNIT BD 4B CUB12 PROT	TRIP NORMAL	42BBA12 AA001 X03 047/048	40BYB01 XH 108 EF	Gn/1P Bn/1P	42BBA8212	UVG4ACV		2473	A 2	H/W 552
42BCA01 XW51	6 6kV SERV BD 4B CUB01 DC	FAIL NORMAL	42BCA01 AA001 X03 038/037	40BYB01 XH 109 AB	Be/1P R/1P	42BCA8201	UVG4ACV		2474	A 1	H/W 553
42BCA01 XW52	6 6kV SERV BD 4B CUB01 T/CCT	FAULT NORMAL	42BCA01 AA001 X03 041/042	40BYB01 XH 109 CD	Gy/1P Y/1P	42BCA8201	UVG4ACV		2475	A 1	H/W 554
42BCA01 XW53	6 6kV SERV BD 4B CUB01 PROT	TRIP NORMAL	42BCA01 AA001 X03 039/040	40BYB01 XH 109 EF	Gn/1P Bn/1P	42BCA8201	UVG4ACV		2476	A 2	H/W 555
40MKA10 EW201 XW85	GEN 4 90% STATOR E/F	TRIP NORMAL	40BAY02 AA001 X33 007/014	40BYB01 XH 019 AB	Be/4P R/4P	40BAY8002	UVG48ACV		2477	A 2	H/W 556
40MKA10 XW33	GEN 4 OVERFLUXING STAGE 2	TRIP NORMAL	40BAY02 AA001 X33 005/012	40BYB01 XH 019 CD	Gy/4P Y/4P	40BAY8002	UVG48ACV		2478	A 2	H/W 557
42BFA00 XW54	380V UNIT BD 4B U/V	ALARM NORMAL	42BFA18 AA001 X05 170/171	40BYB01 XH 111 CD	Gy/1P Y/1P	42BFA8201	UVG4ACV	I 20 6	2479	A 1	H/W 558
42BFA17 XW51	380V UNIT BD 4B DC	FAIL NORMAL	41BFA17 AA001 X05 137/138	40BYB01 XH 112 AB	Be/1P R/1P	42BFA8202	UVG4ACV		2480	A 1	H/W 559
40BAY04 XW71	GEN 4 LOCAL CONTROL PANEL	ENABLED NORMAL	40BAY04 AA001 X05 090/091	40BYB01 XH 003 AB	Be/1P R/1P	40BAY8011	UVG4ACV		2481	A 3	H/W 560
42BFC00 XW54	380V UNIT PRECIP BD 4B U/V	ALARM NORMAL	42BFC02 AA001 X05 170/171	40BYB01 XH 113 CD	Gy/1P Y/1P	42BFC8035	UVG4ACV	I 20 7	2482	A 1	H/W 561
42BUD01 XW51	24V DC UNIT BD 4B SUPPLY	FAIL NORMAL	42BUD01 AA001 X02 001/003	40BYB01 XH 092 AB	Be/1P R/1P	42BUD8001	UVG4ACV		2483	A 1	H/W 562
42BUA00 XW54	220V DC UNIT BD 4B SUPPLY	FAIL NORMAL	42BUA01 AA001 X02 001/003	40BYB01 XH 114 CD	Gy/1P Y/1P	42BUA8001	UVG4ACV		2484	A 1	H/W 563
40BAT10 GT100 XW96	GEN TRFR 4 OIL LEVEL	LOW NORMAL	40BAY13 AA001 X01 007/018	40BYB01 XH 028 GH	W/1P Bk/1P	40BAY8006	UVG8ACV		2485	A 1	H/W 564
43BFA00 XW54	380V UNIT BD 4C U/V	ALARM NORMAL	43BFA20 AA001 X05 170/171	40BYB01 XH 115 CD	Gy/1P Y/1P	43BFA8001	UVG4ACV	I 21 0	2486	A 1	H/W 565
40MKA10 EW100 XW65	GEN 4 ROTOR E/F PROTECTION	UNHEALTH NORMAL	40BAY02 AA001 X34 006/013	40BYB01 XH 032 EF	Gn/1P Bn/1P	40BAY8008	UVG8ACV		2487	A 1	H/W 566
43BFA19 XW51	380V UNIT BD 4C DC	FAIL NORMAL	43BFA19 AA001 X05 137/138	40BYB01 XH 116 AB	Be/1P R/1P	43BFA8002	UVG4ACV		2488	A 1	H/W 567
43BUA00 XW54	220V DC UNIT BD 4C SUPPLY	FAIL NORMAL	43BUA01 AA001 X02 001/003	40BYB01 XH 118 AB	Be/1P R/1P	43BUA8001	UVG4ACV		2489	A 1	H/W 568
43BUA00 XW27	220V DC UNIT BD 4C EARTH	FAULT NORMAL	43BUA01 AA001 X02 004/005	40BYB01 XH 118 CD	Gy/1P Y/1P	43BUA8001	UVG4ACV		2490	A 1	H/W 569
40CJN03 XW24	GEN 4 FIELD BREAKER	TRIP NORMAL	40BAY02 AA001 X35 007/014	40BYB01 XH 033 AB	Be/2P R/2P	40BAY8008	UVG8ACV		2491	A 2	H/W 570
44BFA00 XW54	380V UNIT BD 4D U/V	ALARM NORMAL	44BFA18 AA001 X05 170/171	40BYB01 XH 119 CD	Gy/1P Y/1P	44BFA8001	UVG4ACV	I 21 2	2492	A 1	H/W 571
44BFA17 XW51	380V UNIT BD 4D DC	FAIL NORMAL	44BFA17 AA001 X05 137/138	40BYB01 XH 120 AB	Be/1P R/1P	44BFA8002	UVG4ACV		2493	A 1	H/W 572
44BFC00 XW54	380V U/DUST HAND BD 4B U/V	ALARM NORMAL	44BFC01 AA001 X05 170/171	40BYB01 XH 121 AB	Be/1P R/1P	44BFC8001	UVG4ACV	I 21 3	2494	A 1	H/W 573
43BFC00 XW54	380V U/DUST HAND BD 4A U/V	ALARM NORMAL	43BFC02 AA001 X05 170/171	40BYB01 XH 122 AB	Be/1P R/1P	43BFC8001	UVG4ACV	I 21 1	2495	A 1	H/W 574
40BTX51 XW58	UNIT 4 24V PLC POWER PACK	UNHEALTH NORMAL	40BTX51 AA001 X02 014/015	40BYB01 XH 123 AB	Be/1P R/1P	40BTX8001	UVG4ACV		2496	A 1	H/W 575

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42BUA00 XW27	220V DC UNIT BD 4B EARTH (ELDEC)	UNHEALTH NORMAL	42BUA01 AA001 X02 004/005	40BYB01 XH 114 AB	Be/1P R/1P	42BUA8001	UVG4ACV		2497	A 1	H/W 576
40BBY01 ES002 XW60	11kV UNIT BD 4 Z2 BUS ZONE PROT	ISOLATED NORMAL	40BBY01 AA001 X00 039/041	40BYB01 XH 040 AB	Be/2P R/2P	40BBY8001	UVG8ACV		2498	A 1	H/W 577
40BBY02 ES002 XW60	6 6kV SERV BD 4 Z2 BUS ZONE PROT	ISOLATED NORMAL	40BBY02 AA001 X00 039/041	40BYB01 XH 042 AB	Be/2P R/2P	40BBY8002	UVG8ACV		2499	A 3	H/W 578
40BBT10 GT200 XW57	UNIT TRFR 4A 11kV E/R OIL TEMP	ALARM NORMAL	40BBY11 AA001 X02 014/024	40BYB01 XH 044 CD	Gy/2P Y/2P	40BBY8003	UVG8ACV		2500	A 1	H/W 579
40BBT20 GT200 XW57	UNIT TRFR 4B 11kV E/R OIL TEMP	ALARM NORMAL	40BBY21 AA001 X02 014/024	40BYB01 XH 046 CD	Gy/2P Y/2P	40BBY8004	UVG8ACV		2501	A 1	H/W 580
40BMY00 XW64	UNIT 4 DIESEL GEN ALARM PANEL	ACTIVE NORMAL	40BMY02 AA001 X05 234/235	40BYB01 XH 064 AB	Be/2P R/2P	40BMY8001	UVG8ACV		2502	A 1	H/W 581
43BFC00 XW51	380V U/DUST HAND BD 4 DC	FAIL NORMAL	43BFC02 AA001 X05 137/138	40BYB01 XH 122 CD	Gy/1P Y/1P	43BFC8001	UVG4ACV		2503	A 1	H/W 582
40BBA00 EH001 XW51	11kV UNIT BD 4 220V DC SUPPLY	FAIL NORMAL	41BBA01 AA001 X03 027/028	40BYB01 XH 069 AB	Be/1P R/1P	41BBA8002	UVG4ACV		2504	A 1	H/W 583
41BBA00 XW51	11kV UNIT BD 4A EFP's DC	FAIL NORMAL	41BBA02 AA001 X03 043/044	40BYB01 XH 048 AB	Be/1P R/1P	41BBA8202	UVG4ACV		2505	A 1	H/W 584
41BBA00 XW52	11kV UNIT BD 4A EFP's T/CCT	FAULT NORMAL	41BBA02 AA001 X03 045/046	40BYB01 XH 048 CD	Gy/1P Y/1P	41BBA8202	UVG4ACV		2506	A 1	H/W 585
41BBA00 XW53	11kV UNIT BD 4A EFP's PROT	TRIP NORMAL	41BBA02 AA001 X03 047/048	40BYB01 XH 048 EF	Gn/1P Bn/1P	41BBA8202	UVG4ACV		2507	A 2	H/W 586
41BCA00 EH001 XW51	6 6kV SERV BD 4 220V DC SUPPLY	FAIL NORMAL	41BCA01 AA001 X03 027/028	40BYB01 XH 052 AB	Be/1P R/1P	41BCA8002	UVG4ACV		2508	A 1	H/W 587
41BCA00 XW51	6 6kV SERV BD 4A MTR CCT's DC	FAIL NORMAL	41BCA03 AA001 X03 033/034	40BYB01 XH 050 AB	Be/1P R/1P	41BCA8203	UVG4ACV		2509	A 1	H/W 588
41BCA00 XW52	6 6kV SERV BD 4A MTR CCT's T/CCT	FAULT NORMAL	41BCA03 AA001 X03 035/036	40BYB01 XH 050 CD	Gy/1P Y/1P	41BCA8203	UVG4ACV		2510	A 1	H/W 589
41BCA00 XW53	6 6kV SERV BD 4A MTR CCT's PROT	TRIP NORMAL	41BCA03 AA001 X03 039/040	40BYB01 XH 050 EF	Gn/1P Bn/1P	41BCA8203	UVG4ACV		2511	A 2	H/W 590
40BFL00 XW54	380V U/AIRCON BD 4 PHASE FAIL	ALARM NORMAL	41BFL01 AA001 X05 001/002	40BYB01 XH 054 AB	Be/1P R/1P	41BFL8001	UVG4ACV		2512	A 1	H/W 591
41BUD01 XW51	24V DC UNIT BD 4A SUPPLY	FAIL NORMAL	41BUD01 AA001 X02 001/003	40BYB01 XH 056 AB	Be/1P R/1P	41BUD8001	UVG4ACV		2513	A 1	H/W 592
42BCA00 XW51	6 6kV SERV BD 4B MTR CCT's DC	FAIL NORMAL	42BCA02 AA001 X03 033/034	40BYB01 XH 124 AB	Be/1P R/1P	42BCA8003	UVG4ACV		2514	A 1	H/W 593
42BCA00 XW52	6 6kV SERV BD 4B MTR CCT's T/CCT	FAULT NORMAL	42BCA02 AA001 X03 035/036	40BYB01 XH 124 CD	Gy/1P Y/1P	42BCA8003	UVG4ACV		2515	A 1	H/W 594
42BCA00 XW53	6 6kV SERV BD 4B MTR CCT's PROT	TRIP NORMAL	42BCA02 AA001 X03 039/040	40BYB01 XH 124 EF	Gn/1P Bn/1P	42BCA8003	UVG4ACV		2516	A 2	H/W 595
40BMA00 XW54	380V U/DIESEL GEN BD 4 U/V	ALARM NORMAL	40BMY02 AA001 X05 237/238	40BYB01 XH 064 CD	Gy/2P Y/2P	40BMY8001	UVG8ACV	I 22 1	2517	A 1	H/W 596
04BAC00 XW46	GEN 4,5,6 22kV BKR COMP PRESSURE	HIGH NORMAL	04BAC00 AA001 X01 029/030	40BYB01 XH 051 AB	Be/1P R/1P	04BAC8001	UVG4ACV		2518	A 1	H/W 597
04BAC00 XW53	GEN 4,5,6 22kV BKR COMPRESSOR	FAULT NORMAL	04BAC00 AA001 X01 023/024	40BYB01 XH 051 CD	Gy/1P Y/1P	04BAC8001	UVG4ACV		2519	A 1	H/W 598
42BBA00 XW51	11kV UNIT BD 4B EFP's DC	FAIL NORMAL	42BBA01 AA001 X03 043/044	40BYB01 XH 110 AB	Be/1P R/1P	42BBA8202	UVG4ACV		2520	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
42BBA00 XW52	11kV UNIT BD 4B EFP's T/CCT	FAULT NORMAL	42BBA01 AA001 X03 045/046	40BYB01 XH 110 CD	Gy/1P Y/1P	42BBA8202	UVG4ACV		2521	A 1	H/W 600
42BBA00 XW53	11kV UNIT BD 4B EFP's PROT	TRIP NORMAL	42BBA01 AA001 X03 047/048	40BYB01 XH 110 EF	Gn/1P Bn/1P	42BBA8202	UVG4ACV		2522	A 2	H/W 601
40BAC00 XW35	GEN 4 22kV BKR COOLING FANS	UNHEALTH NORMAL	40BAY30 AA001 X03 052/053	40BYB01 XH 030 GH	W/1P Bk/1P	40BAY8007	UVG8ACV		2523	A 1	H/W 602
	UNIT 4 SPARE (ALARM NUMBER 2524)								2524	E 3	H/W 603
41BUA00 XW27	220V DC UNIT BD 4A EARTH (ELDEC)	UNHEALTH NORMAL	41BUA01 AA001 X01 004/005	40BYB01 XH 091 AB	Be/1P R/1P	21BUA8001	UVG4ACV		2525	A 1	H/W 604
	UNIT 4 SPARE (ALARM NUMBER 2526)								2526	E 3	H/W 605
	UNIT 4 SPARE (ALARM NUMBER 2527)								2527	E 3	H/W 606
40BAY04 XW35	GEN 4 FAULT RECORDER	UNHEALTH NORMAL	40BAY04 AA001 X04 014/015	40BYB01 XH 003 CD	Gy/1P Y/1P	40BAY8011	UVG4ACV		2528	A 1	H/W 607
	UNIT SPARE (ALARM NUMBER 2529)								2529	E 3	
	UNIT SPARE (ALARM NUMBER 2530)								2530	E 3	
	UNIT SPARE (ALARM NUMBER 2531)								2531	E 3	
	UNIT SPARE (ALARM NUMBER 2532)								2532	E 3	
	UNIT SPARE (ALARM NUMBER 2533)								2533	E 3	
	UNIT SPARE (ALARM NUMBER 2534)								2534	E 3	
	UNIT SPARE (ALARM NUMBER 2535)								2535	E 3	
	UNIT SPARE (ALARM NUMBER 2536)								2536	E 3	
	UNIT SPARE (ALARM NUMBER 2537)								2537	E 3	
	UNIT SPARE (ALARM NUMBER 2538)								2538	E 3	
	UNIT SPARE (ALARM NUMBER 2539)								2539	E 3	
	UNIT SPARE (ALARM NUMBER 2540)								2540	E 3	
	UNIT SPARE (ALARM NUMBER 2541)								2541	E 3	
	UNIT SPARE (ALARM NUMBER 2542)								2542	E 3	
	UNIT SPARE (ALARM NUMBER 2543)								2543	E 3	
	UNIT SPARE (ALARM NUMBER 2544)								2544	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 2545)								2545	E 3	
	UNIT SPARE (ALARM NUMBER 2546)								2546	E 3	
	UNIT SPARE (ALARM NUMBER 2547)								2547	E 3	
	UNIT SPARE (ALARM NUMBER 2548)								2548	E 3	
	UNIT SPARE (ALARM NUMBER 2549)								2549	E 3	
	UNIT SPARE (ALARM NUMBER 2550)								2550	E 3	
	UNIT SPARE (ALARM NUMBER 2551)								2551	E 3	
	UNIT SPARE (ALARM NUMBER 2552)								2552	E 3	
	UNIT SPARE (ALARM NUMBER 2553)								2553	E 3	
	UNIT SPARE (ALARM NUMBER 2554)								2554	E 3	
	UNIT SPARE (ALARM NUMBER 2555)								2555	E 3	
	UNIT SPARE (ALARM NUMBER 2556)								2556	E 3	
	UNIT SPARE (ALARM NUMBER 2557)								2557	E 3	
	UNIT SPARE (ALARM NUMBER 2558)								2558	E 3	
	UNIT SPARE (ALARM NUMBER 2559)								2559	E 3	
40BYD01 EW001 YB91	TIME PULSE ON EVERY MINUTE							Q 10 5		Q	
40BYD01 EW002 YB91	TIME PULSE ON EVERY HOUR							Q 10 6		Q	
40BYD01 EW003 YB91	TIME PULSE ON EVERY DAY							Q 10 3		Q	
40ACA10 GS201 YB92	GEN 4 400kV ISOLATOR 1	CLOSE	40BAY03 AA001 X04 023/024	40BYD01 XB 001 AB	Be/1P R/1P	40BAY8003	UVG20ACV	Q 4 0		E 3	
40ACA10 GS201 YB91	GEN 4 400kV ISOLATOR 1	OPEN	40BAY03 AA001 X04 021/022	40BYD01 XB 001 CD	Gy/1P Y/1P	40BAY8003	UVG20ACV	Q 4 1		E 3	
40ACA10 GS401 YB92	GEN 4 400kV ISOLATOR 2	CLOSE	40BAY03 AA001 X04 027/028	40BYD01 XB 001 EF	Gn/1P Bn/1P	40BAY8003	UVG20ACV	Q 4 2		E 3	
40ACA10 GS401 YB91	GEN 4 400kV ISOLATOR 2	OPEN	40BAY03 AA001 X04 025/026	40BYD01 XB 001 GH	W/1P Bk/1P	40BAY8003	UVG20ACV	Q 4 3		E 3	
40ACA10 GS101 YB92	GEN 4 400kV BREAKER	CLOSE	40BAY03 AA001 X04 029/030	40BYD01 XB 002 AB	Be/2P R/2P	40BAY8003	UVG20ACV	Q 4 4		E 3	
40ACA10 GS101 YB91	GEN 4 400kV BREAKER	OPEN	40BAY03 AA001 X04 031/032	40BYD01 XB 002 CD	Gy/2P Y/2P	40BAY8003	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
40CJN00 GS001 YB92	GEN 4 FIELD BREAKER TRIP	DISABLE	40BAY03 AA001 X04 002/001	40BYD01 XB 003 AB	Be/3P R/3P	40BAY8003	UVG20ACV	Q 11 0			
40BAC00 YB92	GEN 4 22KV BREAKER	CLOSE	40BAY03 AA001 X04 004/003	40BYD01 XB 003 CD	Gy/3P Y/3P	40BAY8003	UVG20ACV	Q 11 1		Q	
40BAT10 YB93	GEN TRFR 4 TAP CHANGE	RAISE	40BAY03 AA001 X07 033/034	40BYD01 XB 004 CD	Gy/4P Y/4P	40BAY8003	UVG20ACV	Q 4 6		E 3	
40BAT10 YB94	GEN TRFR 4 TAP CHANGE	LOWER	40BAY03 AA001 X07 031/032	40BYD01 XB 004 EF	Gn/4P Bn/4P	40BAY8003	UVG20ACV	Q 4 7		E 3	
40BAT10 XB60	GEN TRFR 4 TAP CHANGER (1)		40BAY12 DA001 X01 030/021	40BYD01 XB 006 AB	Be/1P R/1P	40BAY8005	UVG8ACV	I 8 0		ES 3	
40BAT10 XB61	GEN TRFR 4 TAP CHN POSITION (2)		40BAY12 DA001 X01 028/029	40BYD01 XB 006 CD	Gy/1P Y/1P	40BAY8005	UVG8ACV	I 8 1		ES 3	
40BAT10 XB62	GEN TRFR 4 TAP CHN POSITION (4)		40BAY12 DA001 X01 026/027	40BYD01 XB 006 EF	Gn/1P Bn/1P	40BAY8005	UVG8ACV	I 8 2		ES 3	
40BAT10 XB63	GEN TRFR 4 TAP CHN POSITION (8)		40BAY12 DA001 X01 024/025	40BYD01 XB 006 GH	W/1P Bk/1P	40BAY8005	UVG8ACV	I 8 3		ES 3	
40BAT10 XB64	GEN TRFR 4 TAP CHN POSITION (10)		40BAY12 DA001 X01 022/023	40BYD01 XB 007 AB	Be/2P R/2P	40BAY8005	UVG8ACV	I 8 4		ES 3	
41BBA01 YB92	11kV UNIT BD 4A CUB01 BKR	CLOSE	41BBA01 AA001 X02 023/024	40BYD01 XB 022 AB	Be/1P R/1P	41BBA8001	UVG8ACV	Q 5 0		Q	
41BBA01 YB91	11kV UNIT BD 4A CUB01 BKR	OPEN	41BBA01 AA001 X02 025/026	40BYD01 XB 022 CD	Gy/1P Y/1P	41BBA8001	UVG8ACV	Q 5 1		Q	
41BBA03 YB92	11kV UNIT BD 4A CUB03 BKR	CLOSE	41BBA03 AA001 X02 042/043	40BYD01 XB 024 AB	Be/1P R/1P	41BBA8004	UVG8ACV	Q 5 2		Q	
41BBA03 YB91	11kV UNIT BD 4A CUB03 BKR	OPEN	41BBA03 AA001 X02 044/045	40BYD01 XB 024 CD	Gy/1P Y/1P	41BBA8004	UVG8ACV	Q 5 3		Q	
41BBA09 YB92	11kV UNIT BD 4A CUB09 BKR	CLOSE	41BBA09 AA001 X02 042/043	40BYD01 XB 026 AB	Be/1P R/1P	41BBA8005	UVG4ACV	Q 5 4		Q	
41BBA09 YB91	11kV UNIT BD 4A CUB09 BKR	OPEN	41BBA09 AA001 X02 044/045	40BYD01 XB 026 CD	Gy/1P Y/1P	41BBA8005	UVG4ACV	Q 5 5		Q	
41BBA10 YB92	11kV UNIT BD 4A CUB10 BKR	CLOSE	41BBA10 AA001 X02 035/036	40BYD01 XB 027 AB	Be/1P R/1P	41BBA8006	UVG8ACV	Q 5 6		Q	
41BBA10 YB91	11kV UNIT BD 4A CUB10 BKR	OPEN	41BBA10 AA001 X02 037/038	40BYD01 XB 027 CD	Gy/1P Y/1P	41BBA8006	UVG8ACV	Q 5 7		Q	
41BBA12 YB92	11kV UNIT BD 4A CUB12 BKR	CLOSE	41BBA12 AA001 X02 042/043	40BYD01 XB 029 AB	Be/1P R/1P	41BBA8007	UVG4ACV	Q 6 0		Q	
41BBA12 YB91	11kV UNIT BD 4A CUB12 BKR	OPEN	41BBA12 AA001 X02 044/045	40BYD01 XB 029 CD	Gy/1P Y/1P	41BBA8007	UVG4ACV	Q 6 1		Q	
41BBA05 YB92	11kV UNIT BD 4A CUB05 BKR	CLOSE	41BBA05 AA001 X02 033/034	40BYD01 XB 031 AB	Be/1P R/1P	41BBA8008	UVG4ACV	Q 6 2		Q	
41BBA05 YB91	11kV UNIT BD 4A CUB05 BKR	OPEN	41BBA05 AA001 X02 035/036	40BYD01 XB 031 CD	Gy/1P Y/1P	41BBA8008	UVG4ACV	Q 6 3		Q	
41BBA06 YB92	11kV UNIT BD 4A CUB06 BKR	CLOSE	41BBA06 AA001 X02 042/043	40BYD01 XB 033 AB	Be/1P R/1P	41BBA8009	UVG4ACV	Q 6 4		Q	
41BBA06 YB91	11kV UNIT BD 4A CUB06 BKR	OPEN	41BBA06 AA001 X02 044/045	40BYD01 XB 033 CD	Gy/1P Y/1P	41BBA8009	UVG4ACV	Q 6 5		Q	
41BBA07 YB92	11kV UNIT BD 4A CUB07 BKR	CLOSE	41BBA07 AA001 X02 042/043	40BYD01 XB 034 AB	Be/1P R/1P	41BBA8010	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
41BBA07	YB91	11kV UNIT BD 4A CUB07 BKR	OPEN	41BBA07 AA001 X02 044/045	40BYD01 XB 034 CD	Gy/1P Y/1P	41BBA8010	UVG4ACV	Q 67		Q	
41BBA08	YB92	11kV UNIT BD 4A CUB08 BKR	CLOSE	41BBA08 AA001 X02 042/043	40BYD01 XB 036 AB	Be/1P R/1P	41BBA8011	UVG4ACV	Q 70		Q	
41BBA08	YB91	11kV UNIT BD 4A CUB08 BKR	OPEN	41BBA08 AA001 X02 044/045	40BYD01 XB 036 CD	Gy/1P Y/1P	41BBA8011	UVG4ACV	Q 71		Q	
41BCA01	YB92	6 6kV SERV BD 4A CUB01 BKR	CLOSE	41BCA01 AA001 X02 023/024	40BYD01 XB 037 AB	Be/1P R/1P	41BCA8001	UVG8ACV	Q 72		Q	
41BCA01	YB91	6 6kV SERV BD 4A CUB01 BKR	OPEN	41BCA01 AA001 X02 025/026	40BYD01 XB 037 CD	Gy/1P Y/1P	41BCA8001	UVG8ACV	Q 73		Q	
41BCA02	YB92	6 6kV SERV BD 4A CUB02 BKR	CLOSE	41BCA02 AA001 X02 042/043	40BYD01 XB 039 AB	Be/1P R/1P	41BCA8003	UVG8ACV	Q 74		Q	
41BCA02	YB91	6 6kV SERV BD 4A CUB02 BKR	OPEN	41BCA02 AA001 X02 044/045	40BYD01 XB 039 CD	Gy/1P Y/1P	41BCA8003	UVG8ACV	Q 75		Q	
42BBA03	YB92	11kV UNIT BD 4B CUB03 BKR	CLOSE	42BBA03 AA001 X02 042/043	40BYD01 XB 044 AB	Be/1P R/1P	42BBA8003	UVG8ACV	Q 76		Q	
42BBA03	YB91	11kV UNIT BD 4B CUB03 BKR	OPEN	42BBA03 AA001 X02 044/045	40BYD01 XB 044 CD	Gy/1P Y/1P	42BBA8003	UVG8ACV	Q 77		Q	
42BBA05	YB92	11kV UNIT BD 4B CUB05 BKR	CLOSE	42BBA05 AA001 X02 033/034	40BYD01 XB 046 AB	Be/1P R/1P	42BBA8004	UVG4ACV	Q 80		Q	
42BBA05	YB91	11kV UNIT BD 4B CUB05 BKR	OPEN	42BBA05 AA001 X02 035/036	40BYD01 XB 046 CD	Gy/1P Y/1P	42BBA8004	UVG4ACV	Q 81		Q	
42BBA06	YB92	11KV UNIT BD 4B CUB06 BKR	CLOSE	42BBA06 AA001 X02 042/043	40BYD01 XB 047 AB	Be/1P R/1P	42BBA8005	UVG4ACV	Q 82		Q	
42BBA06	YB91	11kV UNIT BD 4B CUB06 BKR	OPEN	42BBA06 AA001 X02 044/045	40BYD01 XB 047 CD	Gy/1P Y/1P	42BBA8005	UVG4ACV	Q 83		Q	
42BBA07	YB92	11kV UNIT BD 4B CUB07 BKR	CLOSE	42BBA07 AA001 X02 042/043	40BYD01 XB 049 AB	Be/1P R/1P	42BBA8006	UVG4ACV	Q 84		Q	
42BBA07	YB91	11kV UNIT BD 4B CUB07 BKR	OPEN	42BBA07 AA001 X02 044/045	40BYD01 XB 049 CD	Gy/1P Y/1P	42BBA8006	UVG4ACV	Q 85		Q	
42BBA08	YB92	11kV UNIT BD 4B CUB08 BKR	CLOSE	42BBA08 AA001 X02 042/043	40BYD01 XB 050 AB	Be/1P R/1P	42BBA8007	UVG4ACV	Q 86		Q	
42BBA08	YB91	11kV UNIT BD 4B CUB08 BKR	OPEN	42BBA08 AA001 X02 044/045	40BYD01 XB 050 CD	Gy/1P Y/1P	42BBA8007	UVG4ACV	Q 87		Q	
42BBA09	YB92	11kV UNIT BD 4B CUB09 BKR	CLOSE	42BBA09 AA001 X02 042/043	40BYD01 XB 051 AB	Be/1P R/1P	42BBA8008	UVG4ACV	Q 90		Q	
42BBA09	YB91	11kV UNIT BD 4B CUB09 BKR	OPEN	42BBA09 AA001 X02 044/045	40BYD01 XB 051 CD	Gy/1P Y/1P	42BBA8008	UVG4ACV	Q 91		Q	
42BBA10	YB92	11kV UNIT BD 4B CUB10 BKR	CLOSE	42BBA10 AA001 X02 042/043	40BYD01 XB 052 AB	Be/1P R/1P	42BBA8009	UVG4ACV	Q 92		Q	
42BBA10	YB91	11kV UNIT BD 4B CUB10 BKR	OPEN	42BBA10 AA001 X02 044/045	40BYD01 XB 052 CD	Gy/1P Y/1P	42BBA8009	UVG4ACV	Q 93		Q	
42BBA11	YB92	11kV UNIT BD 4B CUB11 BKR	CLOSE	42BBA11 AA001 X02 042/043	40BYD01 XB 053 AB	Be/1P R/1P	42BBA8010	UVG4ACV	Q 94		Q	
42BBA11	YB91	11kV UNIT BD 4B CUB11 BKR	OPEN	42BBA11 AA001 X02 044/045	40BYD01 XB 053 CD	Gy/1P Y/1P	42BBA8010	UVG4ACV	Q 95		Q	
42BBA12	YB92	11kV UNIT BD 4B CUB12 BKR	CLOSE	42BBA12 AA001 X02 042/043	40BYD01 XB 054 AB	Be/1P R/1P	42BBA8011	UVG4ACV	Q 96		Q	

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42BBA12 YB91	11kV UNIT BD 4B CUB12 BKR	OPEN	42BBA12 AA001 X02 044/045	40BYD01 XB 054 CD	Gy/1P Y/1P	42BBA8011	UVG4ACV	Q 9 7		Q	
42BCA01 YB92	6 6KV SERV BD 4B CUB01 BKR	CLOSE	42BCA01 AA001 X02 042/043	40BYD01 XB 055 AB	Be/1P R/1P	42BCA8001	UVG8ACV	Q 10 0		Q	
42BCA01 YB91	6 6kV SERV BD 4B CUB01 BKR	OPEN	42BCA01 AA001 X02 044/045	40BYD01 XB 055 CD	Gy/1P Y/1P	42BCA8001	UVG8ACV	Q 10 1		Q	
40MKA10 YB92	GEN 4 SYNCHRONISED ROOF LIGHT	SYNCH	40BLA03 CA001 X07 001/002	40BYD01 XB 065 AB	Be/1P R/1P	40BLA8002	UVG4ACV	Q 10 4		E 3	
40CJN00 GS001 YB91	GEN 4 FIELD BREAKER CLOSE	RELEASE	40CJN03 WA002 060/061	40BYD01 XB 075 AB	Be/1P R/1P	40BAY8012	UVG8ACV	Q 11 2			
40CJN00 YB92	GEN 4 FIELD BREAKER	CLOSE	40CJN03 WA002 068/069	40BYD01 XB 075 CD	Gy/1P Y/1P	40BAY8012	UVG8ACV	Q 11 3		Q	
40CJN00 XB51	GEN 4 F/BKR CLOSE FROM GAS/TURB	INLOCK	40CJN03 WA002 064/065	40BYD01 XB 076 CD	Gy/2P Y/2P	40BAY8012	UVG8ACV	I 18 5			
41BBA00 XQ54	11kV UNIT BD 4A BB VOLTS	0-5mA 0-11kV	41BBA01 AA001 X02 013/014	40BYD01 XE 002 AB	Be/1P R/1P	41BBA8012	UVG4ACV	PW 166		Q	
42BBA00 XQ54	11kV UNIT BD 4B BB VOLTS	0-5mA 0-11kV	41BBA01 AA001 X02 015/016	40BYD01 XE 002 CD	Gy/1P Y/1P	41BBA8012	UVG4ACV	PW 168		Q	
41BBA03 XQ52	11kV UNIT BD 4A CUB03 AMPS	0-5mA 0-4000A	41BBA03 AA001 X02 022/023	40BYD01 XE 003 AB	Be/1P R/1P	41BBA8014	UVG4ACV	PW 170		Q	
41BBA10 XQ52	11kV UNIT BD 4A CUB10 AMPS	0-5mA 0-2000A	41BBA10 AA001 X02 015/016	40BYD01 XE 004 AB	Be/1P R/1P	41BBA8018	UVG4ACV	PW 172		Q	
41BCA00 XQ54	6 6kV SERV BD 4A BB VOLTS	0-5mA 0-6 6kV	41BCA01 AA001 X02 013/014	40BYD01 XE 005 AB	Be/1P R/1P	41BCA8004	UVG4ACV	PW 174		Q	
42BCA00 XQ54	6 6kV SERV BD 4B BB VOLTS	0-5mA 0-6 6kV	41BCA01 AA001 X02 015/016	40BYD01 XE 005 CD	Gy/1P Y/1P	41BCA8004	UVG4ACV	PW 176		Q	
41BCA02 XQ52	6 6kV SERV BD 4A CUB02 AMPS	0-5mA 0-2500A	41BCA02 AA001 X02 020/021	40BYD01 XE 006 AB	Be/1P R/1P	41BCA8005	UVG4ACV	PW 178		Q	
42BBA03 XQ52	11kV UNIT BD 4B CUB03 AMPS	0-5mA 0-4000A	42BBA03 AA001 X02 022/023	40BYD01 XE 007 AB	Be/1P R/1P	42BBA8013	UVG4ACV	PW 180		Q	
42BCA01 XQ52	6 6kV SERV BD 4B CUB01 AMPS	0-5mA 0-2500A	42BCA01 AA001 X02 020/021	40BYD01 XE 008 AB	Be/1P R/1P	42BCA8002	UVG4ACV	PW 182		Q	
40MKA10 XQ55	GEN 4 MW	0-5mA 0-880MW	40BYA01 AA001 X51 001/002	40BYD01 XW 001 AB	W Be	40BYA8001	TVH20BR	PW 132		Q	
40MKA10 XQ56	GEN 4 MVAR	0-5mA 0-440MVr	40BYA01 AA001 X51 007/008	40BYD01 XW 001 CD	W O	40BYA8001	TVH20BR	PW 134		Q	
40MKA10 XQ51	GEN 4 RED PHASE AMPS	0-5mA 0-22kA	40BYA01 AA001 X51 015/016	40BYD01 XW 001 EF	W Gn	40BYA8001	TVH20BR	PW 136		Q	
40MKA10 XQ52	GEN 4 WHITE PHASE AMPS	0-5mA 0-22kA	40BYA01 AA001 X51 019/020	40BYD01 XW 001 GH	W Bn	40BYA8001	TVH20BR	PW 138		Q	
40MKA10 XQ53	GEN 4 BLUE PHASE AMPS	0-5mA 0-22kA	40BYA01 AA001 X51 025/026	40BYD01 XW 001 IK	W Gy	40BYA8001	TVH20BR	PW 140		Q	
40MKA10 XQ62	GEN 4 VOLTS	0-5mA 0-22kV	40BYA01 AA001 X51 029/030	40BYD01 XW 002 AB	R Be	40BYA8001	TVH20BR	PW 142		Q	
40MKA10 XQ54	GEN 4 FREQUENCY	0-5mA 45-55Hz	40BYA01 AA001 X51 037/038	40BYD01 XW 002 CD	R O	40BYA8001	TVH20BR	PW 144		Q	
40MKA10 XQ61	GEN 4 POWER FACTOR	0-5mA 0-1-0	40BYA01 AA001 X51 041/042	40BYD01 XW 002 EF	R Gn	40BYA8001	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
40BBT10 GT100 XQ55	UNIT TRFR 4A HV SIDE MW	0-5mA 0-80MW	40BYA01 AA001 X59 001/002	40BYD01 XW 002 GH	R Bn	40BYA8001	TVH20BR	PW 148		Q	
40BBT10 GT100 XQ56	UNIT TRFR 4A HV SIDE MVAR	0-5mA 0-40MVAr	40BYA01 AA001 X59 003/004	40BYD01 XW 002 IK	R Gy	40BYA8001	TVH20BR	PW 150		Q	
40BBT10 GT100 XQ52	UNIT TRFR 4A HV SIDE AMPS	0-5mA 0-2000A	40BYA01 AA001 X59 007/008	40BYD01 XW 003 AB	Bk Be	40BYA8001	TVH20BR	PW 152		Q	
40BBT10 GT100 XQ54	UNIT TRFR 4A & B HV SIDE VOLTS	0-5mA 0-22kV	40BYA01 AA001 X59 013/014	40BYD01 XW 003 CD	Bk O	40BYA8001	TVH20BR	PW 154		Q	
40BBT20 GT100 XQ55	UNIT TRFR 4B HV SIDE MW	0-5mA 0-80MW	40BYA01 AA001 X59 017/018	40BYD01 XW 003 EF	Bk Gn	40BYA8001	TVH20BR	PW 156		Q	
40BBT20 GT100 XQ56	UNIT TRFR 4B HV SIDE MVAR	0-5mA 0-40MVAr	40BYA01 AA001 X59 019/020	40BYD01 XW 003 GH	Bk Bn	40BYA8001	TVH20BR	PW 158		Q	
40BBT20 GT100 XQ52	UNIT TRFR 4B HV SIDE AMPS	0-5mA 0-2000A	40BYA01 AA001 X59 023/024	40BYD01 XW 003 IK	Bk Gy	40BYA8001	TVH20BR	PW 160		Q	
40BDE01 XQ55	3 3kV U/DIESEL GEN 4 kW	0-5mA 0-1,5MW	40BYA01 AA001 X58 001/002	40BYD01 XW 004 AB	Y Be	40BYA8001	TVH20BR	PW 162		Q	
40BDE01 XQ56	3 3kV U/DIESEL GEN 4 kVAR	0-5mA 750KVAr	40BYA01 AA001 X58 003/004	40BYD01 XW 004 CD	Y O	40BYA8001	TVH20BR	PW 164		Q	
40BDE01 XQ52	3 3kV U/DIESEL GEN4 LV SIDE AMPS	0-5mA 0-2 5kA	40BYA01 AA001 X58 005/006	40BYD01 XW 004 EF	Y Gn	40BYA8001	TVH20BR	PW 128		Q	
40BMA00 XQ54	380V U/DIESEL GEN BD 4 BB VOLTS	0-5mA 0-400V	40BYA01 AA001 X58 007/008	40BYD01 XW 004 GH	Y Bn	40BYA8001	TVH20BR	PW 130		Q	
40BBA10 XQ55	UNIT 4 LOOP SUPPLY MW	0-5mA 0-40MW	40BYA01 AA001 X60 001/002	40BYD01 XW 004 IK	Y Gy	40BYA8001	TVH20BR	PW 184		Q	