| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30BYD01 XW51 | UNIT 3 SAT PLC COOLING FAN/BATT | FAULT<br>NORMAL | | | | | | S/W | 1281 | A 1 | S/W 0<br>D 1 00 |
| 30BYD01 XW02 | UNIT 3 SAT PLC MCB TRIPPED | ALARM<br>NORMAL | | | | | | I 8 7 | 1282 | A 1 | S/W 1<br>D 1 01 |
| 30BBA10 EG012 XQ52 | 11kV UNIT BD 3A LOOP SUPPLY AMPS | > 1900 A<br>< 1900 A | | | | | | S/W | 1283 | A 1 | S/W 2<br>D 1 02 |
| 31BCA02 EG012 XQ52 | 6 6kV SERV BD 3A INCOMER AMPS | > 2200 A<br>< 2200 A | | | | | | S/W | 1284 | A 1 | S/W 3<br>D 1 03 |
| 32BCA02 EG012 XQ52 | 6 6kV SERV BD 3B INCOMER AMPS | > 2200 A<br>< 2200 A | | | | | | S/W | 1285 | A 1 | S/W 4<br>D 1 04 |
| 30MKA10 EG010 XW54 | GEN 3 UNDER/OVER FREQENCY | DETECTED<br>NORMAL | | | | | | S/W | 1286 | A 1 | S/W 5<br>D 1 05 |
| 30BAT10 EG001 XB60 | GEN TRFR 3 TAP CHANGER | ACTIVE<br>COMPLETE | | | | | | S/W | 1287 | A 2 | S/W 6<br>D 1 06 |
| 30BYD01 XW00 | UNIT 3 PLC | STOPPED<br>RUN | | | | | | S/W | 1288 | A 1 | S/W 7<br>D 1 07 |
| 30BYD01 EG001 XW00 | UNIT 3 H1 LINK TO HV CO-ORD | DISCONN<br>ONLINE | | | | | | S/W | 1289 | A 1 | S/W 8<br>D 1 08 |
| 30BYD01 EG002 XW00 | UNIT 3 H1 LINK TO UNIT CO-ORD | DISCONN<br>ONLINE | | | | | | S/W | 1290 | A 1 | S/W 9<br>D 1 09 |
| 30BYD01 EG003 XW00 | UNIT 3 H1 LINK TO STN CO-ORD | DISCONN<br>ONLINE | | | | | | S/W | 1291 | A 1 | S/W 10<br>D 1 10 |
| 30BYD01 EG005 XW00 | UNIT 3 H1 LINK TO HVY PLC | DISCONN<br>ONLINE | | | | | | S/W | 1292 | A 1 | S/W 11<br>D 1 11 |
| 30BYD01 EG006 XW00 | UNIT 3 H1 LINK TO SSB PLC | DISCONN<br>ONLINE | | | | | | S/W | 1293 | A 1 | S/W 12<br>D 1 12 |
| 30BYD01 EG007 XW00 | UNIT 3 H1 LINK TO GAS TURBINE | DISCONN<br>ONLINE | | | | | | S/W | 1294 | A 1 | S/W 13<br>D 1 13 |
| 30BYD01 EG008 XW00 | UNIT 3 H1 LINK TO UNIT 1 PLC | DISCONN<br>ONLINE | | | | | | S/W | 1295 | A 1 | S/W 14<br>D 1 14 |
| 30BYD01 EG009 XW00 | UNIT 3 H1 LINK TO UNIT 5 PLC | DISCONN<br>ONLINE | | | | | | S/W | 1296 | A 1 | S/W 15<br>D 1 15 |
| 31BBA01 XW88 | 11kV UNIT BD 3A CUB01 BKR OPEN | FAIL<br>NORMAL | | | | | | S/W | 1297 | A 2 | S/W 16<br>D 2 00 |
| 31BBA01 XW89 | 11kV UNIT BD 3A CUB01 BKR CLOSE | FAIL<br>NORMAL | | | | | | S/W | 1298 | A 2 | S/W 17<br>D 2 01 |
| 31BBA03 XW88 | 11kV UNIT BD 3A CUB03 BKR OPEN | FAIL<br>NORMAL | | | | | | S/W | 1299 | A 2 | S/W 18<br>D 2 02 |
| 31BBA03 XW89 | 11kV UNIT BD 3A CUB03 BKR CLOSE | FAIL<br>NORMAL | | | | | | S/W | 1300 | A 2 | S/W 19<br>D 2 03 |
| 31BBA05 XW88 | 11kV UNIT BD 3A CUB05 BKR OPEN | FAIL<br>NORMAL | | | | | | S/W | 1301 | A 2 | S/W 20<br>D 2 04 |
| 31BBA05 XW89 | 11kV UNIT BD 3A CUB05 BKR CLOSE | FAIL<br>NORMAL | | | | | | S/W | 1302 | A 2 | S/W 21<br>D 2 05 |
| 31BBA06 XW88 | 11kV UNIT BD 3A CUB06 BKR OPEN | FAIL<br>NORMAL | | | | | | S/W | 1303 | A 2 | S/W 22<br>D 2 06 |
| 31BBA06 XW89 | 11kV UNIT BD 3A CUB06 BKR CLOSE | FAIL<br>NORMAL | | | | | | S/W | 1304 | A 2 | S/W 23<br>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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 31BBA07 XW88 | 11kV UNIT BD 3A CUB07 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1305 | A 2 | S/W 24 D 2 08 |
| 31BBA07 XW89 | 11kV UNIT BD 3A CUB07 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1306 | A 2 | S/W 25 D 2 09 |
| 31BBA08 XW88 | 11kV UNIT BD 3A CUB08 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1307 | A 2 | S/W 26 D 2 10 |
| 31BBA08 XW89 | 11kV UNIT BD 3A CUB08 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1308 | A 2 | S/W 27 D 2 11 |
| 31BBA09 XW88 | 11kV UNIT BD 3A CUB09 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1309 | A 2 | S/W 28 D 2 12 |
| 31BBA09 XW89 | 11kV UNIT BD 3A CUB09 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1310 | A 2 | S/W 29 D 2 13 |
| 31BBA10 XW88 | 11kV UNIT BD 3A CUB10 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1311 | A 2 | S/W 30 D 2 14 |
| 31BBA10 XW89 | 11kV UNIT BD 3A CUB10 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1312 | A 2 | S/W 31 D 2 15 |
| | UNIT 3 SPARE (ALARM NUMBER 1313) | | | | | | | S/W | 1313 | E 3 | S/W 32 D 3 00 |
| | UNIT 3 SPARE (ALARM NUMBER 1314) | | | | | | | S/W | 1314 | E 3 | S/W 33 D 3 01 |
| 31BBA12 XW88 | 11kV UNIT BD 3A CUB12 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1315 | A 2 | S/W 34 D 3 02 |
| 31BBA12 XW89 | 11kV UNIT BD 3A CUB12 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1316 | A 2 | S/W 35 D 3 03 |
| 31BCA01 XW88 | 6 6kV SERV BD 3A CUB01 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1317 | A 2 | S/W 36 D 3 04 |
| 31BCA01 XW89 | 6 6kV SERV BD 3A CUB01 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1318 | A 2 | S/W 37 D 3 05 |
| 31BCA02 XW88 | 6 6kV SERV BD 3A CUB02 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1319 | A 2 | S/W 38 D 3 06 |
| 31BCA02 XW89 | 6 6kV SERV BD 3A CUB02 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1320 | A 2 | S/W 39 D 3 07 |
| | UNIT 3 SPARE (ALARM NUMBER 1321) | | | | | | | S/W | 1321 | E 3 | S/W 40 D 3 08 |
| | UNIT 3 SPARE (ALARM NUMBER 1322) | | | | | | | S/W | 1322 | E 3 | S/W 41 D 3 09 |
| 30CJN00 XW88 | GEN 3 FIELD BREAKER OPEN | FAIL NORMAL | | | | | | S/W | 1323 | A 2 | S/W 42 D 3 10 |
| 30BAC01 XW89 | GEN 3 22kV BREAKER CLOSE | FAIL NORMAL | | | | | | S/W | 1324 | A 2 | S/W 43 D 3 11 |
| 30CJN00 XW89 | GEN 3 FIELD BREAKER CLOSE | FAIL NORMAL | | | | | | S/W | 1325 | A 2 | S/W 44 D 3 12 |
| | UNIT 3 SPARE (ALARM NUMBER 1326) | | | | | | | S/W | 1326 | E 3 | S/W 45 D 3 13 |
| | UNIT 3 SPARE (ALARM NUMBER 1327) | | | | | | | S/W | 1327 | E 3 | S/W 46 D 3 14 |
| | UNIT 3 SPARE (ALARM NUMBER 1328) | | | | | | | S/W | 1328 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32BBA03 | XW88 | 11kV UNIT BD 3B CUB03 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1329 | A 2 | S/W 48 D 4 00 |
| 32BBA03 | XW89 | 11kV UNIT BD 3B CUB03 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1330 | A 2 | S/W 49 D 4 01 |
| 32BBA05 | XW88 | 11kV UNIT BD 3B CUB05 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1331 | A 2 | S/W 50 D 4 02 |
| 32BBA05 | XW89 | 11kV UNIT BD 3B CUB05 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1332 | A 2 | S/W 51 D 4 03 |
| 32BBA06 | XW88 | 11kV UNIT BD 3B CUB06 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1333 | A 2 | S/W 52 D 4 04 |
| 32BBA06 | XW89 | 11kV UNIT BD 3B CUB06 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1334 | A 2 | S/W 53 D 4 05 |
| 32BBA07 | XW88 | 11kV UNIT BD 3B CUB07 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1335 | A 2 | S/W 54 D 4 06 |
| 32BBA07 | XW89 | 11kV UNIT BD 3B CUB07 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1336 | A 2 | S/W 55 D 4 07 |
| 32BBA08 | XW88 | 11kV UNIT BD 3B CUB08 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1337 | A 2 | S/W 56 D 4 08 |
| 32BBA08 | XW89 | 11kV UNIT BD 3B CUB08 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1338 | A 2 | S/W 57 D 4 09 |
| 32BBA09 | XW88 | 11kV UNIT BD 3B CUB09 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1339 | A 2 | S/W 58 D 4 10 |
| 32BBA09 | XW89 | 11kV UNIT BD 3B CUB09 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1340 | A 2 | S/W 59 D 4 11 |
| 32BBA10 | XW88 | 11kV UNIT BD 3B CUB10 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1341 | A 2 | S/W 60 D 4 12 |
| 32BBA10 | XW89 | 11kV UNIT BD 3B CUB10 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1342 | A 2 | S/W 61 D 4 13 |
| 32BBA11 | XW88 | 11kV UNIT BD 3B CUB11 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1343 | A 2 | S/W 62 D 4 14 |
| 32BBA11 | XW89 | 11kV UNIT BD 3B CUB11 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1344 | A 2 | S/W 63 D 4 15 |
| 32BBA12 | XW88 | 11kV UNIT BD 3B CUB12 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1345 | A 2 | S/W 64 D 5 00 |
| 32BBA12 | XW89 | 11kV UNIT BD 3B CUB12 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1346 | A 2 | S/W 65 D 5 01 |
| | | UNIT 3 SPARE (ALARM NUMBER 1347) | | | | | | | S/W | 1347 | E 3 | S/W 66 D 5 02 |
| | | UNIT 3 SPARE (ALARM NUMBER 1348) | | | | | | | S/W | 1348 | E 3 | S/W 67 D 5 03 |
| 32BCA01 | XW88 | 6 6kV SERV BD 3B CUB01 BKR OPEN | FAIL NORMAL | | | | | | S/W | 1349 | A 2 | S/W 68 D 5 04 |
| 32BCA01 | XW89 | 6 6kV SERV BD 3B CUB01 BKR CLOSE | FAIL NORMAL | | | | | | S/W | 1350 | A 2 | S/W 69 D 5 05 |
| | | UNIT 3 SPARE (ALARM NUMBER 1351) | | | | | | | S/W | 1351 | E 3 | S/W 70 D 5 06 |
| | | UNIT 3 SPARE (ALARM NUMBER 1352) | | | | | | | S/W | 1352 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30BCA00 XW88 | GEN 3 22kV BREAKER OPEN | FAIL NORMAL | | | | | | S/W | 1353 | A 2 | S/W 72 D 5 08 |
| 30BCA00 XW89 | GEN 3 22kV BREAKER CLOSE | FAIL NORMAL | | | | | | S/W | 1354 | A 2 | S/W 73 D 5 09 |
| 30BCA00 XW22 | GEN 3 22kV BREAKER | ANTIVAL CLEARED | | | | | | S/W | 1355 | A 2 | S/W 74 D 5 10 |
| | UNIT 3 SPARE (ALARM NUMBER 1356) | | | | | | | S/W | 1356 | E 3 | S/W 75 D 5 11 |
| 30ACA00 GS101 XW88 | GEN 3 400kV BREAKER OPEN | FAIL NORMAL | | | | | | S/W | 1357 | A 2 | S/W 76 D 5 12 |
| 30ACA00 GS101 XW89 | GEN 3 400kV BREAKER CLOSE | FAIL NORMAL | | | | | | S/W | 1358 | A 2 | S/W 77 D 5 13 |
| 30ACA00 GS101 XW22 | GEN 3 400kV BREAKER | ANTIVAL CLEARED | | | | | | S/W | 1359 | A 2 | S/W 78 D 5 14 |
| | UNIT 3 SPARE (ALARM NUMBER 1360) | | | | | | | S/W | 1360 | E 3 | S/W 79 D 5 15 |
| 30ACA00 GS101 XW88 | GEN 3 400kV BUSBAR 1 LINKS OPEN | FAIL NORMAL | | | | | | S/W | 1361 | A 2 | S/W 80 D 6 00 |
| 30ACA00 GS101 XW89 | GEN 3 400kV BUSBAR 1 LINKS CLOSE | FAIL NORMAL | | | | | | S/W | 1362 | A 2 | S/W 81 D 6 01 |
| 30ACA00 GS101 XW22 | GEN 3 400kV BUSBAR 1 LINKS | ANTIVAL CLEARED | | | | | | S/W | 1363 | A 2 | S/W 82 D 6 02 |
| | UNIT 3 SPARE (ALARM NUMBER 1364) | | | | | | | S/W | 1364 | E 3 | S/W 83 D 6 03 |
| 30ACA00 GS101 XW88 | GEN 3 400kV BUSBAR 1 LINKS OPEN | FAIL NORMAL | | | | | | S/W | 1365 | A 2 | S/W 84 D 6 04 |
| 30ACA00 GS101 XW89 | GEN 3 400kV BUSBAR 1 LINKS CLOSE | FAIL NORMAL | | | | | | S/W | 1366 | A 2 | S/W 85 D 6 05 |
| 30ACA00 GS101 XW22 | GEN 3 400kV BUSBAR 1 LINKS | ANTIVAL CLEARED | | | | | | S/W | 1367 | A 2 | S/W 86 D 6 06 |
| | UNIT 3 SPARE (ALARM NUMBER 1368) | | | | | | | S/W | 1368 | E 3 | S/W 87 D 6 07 |
| 30BYD01 EG010 XW00 | UNIT 3 H1 LINK TO HVY PLC | OFFLINE ONLINE | | | | | | S/W | 1369 | A 2 | S/W 88 D 6 08 |
| 30BYD01 EG011 XW00 | UNIT 3 H1 LINK TO SSB PLC | OFFLINE ONLINE | | | | | | S/W | 1370 | A 2 | S/W 89 D 6 09 |
| 30BYD01 EG012 XW00 | UNIT 3 H1 LINK T0 GAS TURBINE | OFFLINE ONLINE | | | | | | S/W | 1371 | A 2 | S/W 90 D 6 10 |
| 30BYD01 EG013 XW00 | UNIT 3 H1 LINK TO UNIT 1 PLC | OFFLINE ONLINE | | | | | | S/W | 1372 | A 2 | S/W 91 D 6 11 |
| 30BYD01 EG014 XW00 | UNIT 3 H1 LINK TO UNIT 5 PLC | OFFLINE ONLINE | | | | | | S/W | 1373 | A 2 | S/W 92 D 6 12 |
| | UNIT 3 SPARE (ALARM NUMBER 1374) | | | | | | | S/W | 1374 | E 3 | S/W 93 D 6 13 |
| | UNIT 3 SPARE (ALARM NUMBER 1375) | | | | | | | S/W | 1375 | E 3 | S/W 94 D 6 14 |
| | UNIT 3 SPARE (ALARM NUMBER 1376) | | | | | | | S/W | 1376 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30BYD01 EW001 XW00 | UNIT 3 E490 MODULE | FAULT | | | | | | S/W | 1377 | E 3 | Vir 096 |
| 30BYD01 EW002 XW00 | UNIT 3 E490 MESSAGE MEMORY | FULL | | | | | | S/W | 1378 | E 3 | Vir 097 |
| 30BYD01 EW003 XW00 | UNIT 3 E490 POWER | FAILED | | | | | | S/W | 1379 | E 3 | Vir 098 |
| 30BYD01 EW004 XW00 | UNIT 3 E490 POWER | NORMAL | | | | | | S/W | 1380 | E 3 | Vir 099 |
| 30BYD01 EW005 XW00 | UNIT 3 E490 AUTOMATIC TEST | FAILED | | | | | | S/W | 1381 | E 3 | Vir 100 |
| 30BYD01 EW006 XW00 | UNIT 3 E490 DATE/TIME | UPDATED | | | | | | S/W | 1382 | E 3 | Vir 101 |
| 30BYD01 EW007 XW00 | UNIT 3 E490 UNIT | FAILED | | | | | | S/W | 1383 | E 3 | Vir 102 |
| 30BYD01 EW008 XW00 | UNIT 3 E490 UNIT | NORMAL | | | | | | S/W | 1384 | E 3 | Vir 103 |
| 30BYD01 EW009 XW00 | UNIT 3 E490 SYNCHRONISATION | FAILED | | | | | | S/W | 1385 | E 3 | Vir 104 |
| 30BYD01 EW010 XW00 | UNIT 3 E490 SYNCHRONISATION | NORMAL | | | | | | S/W | 1386 | E 3 | Vir 105 |
| | UNIT 3 SPARE (ALARM NUMBER 1387) | | | | | | | S/W | 1387 | E 3 | Vir 106 |
| | UNIT 3 SPARE (ALARM NUMBER 1387) | | | | | | | S/W | 1388 | E 3 | Vir 107 |
| | UNIT 3 SPARE (ALARM NUMBER 1389) | | | | | | | S/W | 1389 | E 3 | Vir 108 |
| | UNIT 3 SPARE (ALARM NUMBER 1390) | | | | | | | S/W | 1390 | E 3 | Vir 109 |
| | UNIT 3 SPARE (ALARM NUMBER 1391) | | | | | | | S/W | 1391 | E 3 | Vir 110 |
| | UNIT 3 SPARE (ALARM NUMBER 1392) | | | | | | | S/W | 1392 | E 3 | Vir 111 |
| | UNIT 3 SPARE (ALARM NUMBER 1393) | | | | | | | S/W | 1393 | E 3 | Vir 112 |
| | UNIT 3 SPARE (ALARM NUMBER 1394) | | | | | | | S/W | 1394 | E 3 | Vir 113 |
| | UNIT 3 SPARE (ALARM NUMBER 1395) | | | | | | | S/W | 1395 | E 3 | Vir 114 |
| | UNIT 3 SPARE (ALARM NUMBER 1396) | | | | | | | S/W | 1396 | E 3 | Vir 115 |
| | UNIT 3 SPARE (ALARM NUMBER 1397) | | | | | | | S/W | 1397 | E 3 | Vir 116 |
| | UNIT 3 SPARE (ALARM NUMBER 1398) | | | | | | | S/W | 1398 | E 3 | Vir 117 |
| | UNIT 3 SPARE (ALARM NUMBER 1399) | | | | | | | S/W | 1399 | E 3 | Vir 118 |
| | UNIT 3 SPARE (ALARM NUMBER 1400) | | | | | | | S/W | 1400 | 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 3 SPARE (ALARM NUMBER 1401) | | | | | | | S/W | 1401 | E 3 | Vir 120 |
| | UNIT 3 SPARE (ALARM NUMBER 1402) | | | | | | | S/W | 1402 | E 3 | Vir 121 |
| | UNIT 3 SPARE (ALARM NUMBER 1403) | | | | | | | S/W | 1403 | E 3 | Vir 122 |
| | UNIT 3 SPARE (ALARM NUMBER 1404) | | | | | | | S/W | 1404 | E 3 | Vir 123 |
| | UNIT 3 SPARE (ALARM NUMBER 1405) | | | | | | | S/W | 1405 | E 3 | Vir 124 |
| | UNIT 3 SPARE (ALARM NUMBER 1406) | | | | | | | S/W | 1406 | E 3 | Vir 125 |
| | UNIT 3 SPARE (ALARM NUMBER 1407) | | | | | | | S/W | 1407 | E 3 | Vir 126 |
| | UNIT 3 SPARE (ALARM NUMBER 1408) | | | | | | | S/W | 1408 | E 3 | Vir 127 |
| | UNIT 3 SPARE (ALARM NUMBER 1409) | | | | | | | | 1409 | E 3 | H/W 128 |
| 30BAW00 XB01 | GEN 3 22kV EARTH SWITCH | OFF ON | 30BAY10 AA001 X1 31/X3 32 | 30BYD01 XB 067 AB | Be/1P R/1P | 30BAY8004 | UVG4ACV | I 9 3 | 1410 | ES 3 | H/W 129 |
| 30BAC00 XB51 | GEN 3 22kV BREAKER | LOC/OFF REMOTE | 30BAY30 AA001 X03 039/040 | 30BYD01 XB 008 GH | W/1P Bk/1P | 30BAY8010 | UVG4ACV | I 9 2 | 1411 | ES 2 | H/W 130 |
| 30BDE03 EW003 XB01 | 3 3kV U3 D/GEN BD CUB03 ISOLATOR | CLOSED OPENED | 30BDE03 AA001 X03 020/021 | 30BYD01 XB 011 CD | Gy/1P Y/1P | 30BDE8002 | UVG4ACV | I 16 0 | 1412 | ES 3 | H/W 131 |
| 30BFF01 XB01 | 380V U3 FLY ASH BUNK BD CUB 01 | OPENED CLOSED | 30BFF01 AA001 X05 128/129 | 30BYD01 XB 068 EF | Gn/1P Bn/1P | 30BFF8003 | UVG4ACV | I 6 6 | 1413 | ES 3 | H/W 132 |
| 30BAC00 XB02 | GEN 3 22kV BREAKER | CLOSED NotCLOSE | 30BAY30 AA001 X04 048/049 | 30BYD01 XB 008 AB | Be/1P R/1P | 30BAY8010 | UVG4ACV | I 9 0 | 1414 | ES 3 | H/W 133 |
| 30BAC00 XB01 | GEN 3 22kV BREAKER | OPENED Not OPEN | 30BAY30 AA001 X04 068/069 | 30BYD01 XB 008 CD | Gy/1P Y/1P | 30BAY8010 | UVG4ACV | I 9 1 | 1415 | ES 3 | H/W 134 |
| 30BDE01 EW001 XB01 | 3 3kV U3 D/GEN BD CUB01 BKR | OPENED CLOSED | 30BDE01 AA001 X02 041/042 | 30BYD01 XB 010 EF | Gn/1P Bn/1P | 30BDE8001 | UVG4ACV | I 4 0 | 1416 | ES 3 | H/W 135 |
| 30BDE03 EW001 XB01 | 3 3kV U3 D/GEN BD CUB03 BKR | OPENED CLOSED | 30BDE03 AA001 X02 045/046 | 30BYD01 XB 011 EF | Gn/1P Bn/1P | 30BDE8002 | UVG4ACV | I 4 1 | 1417 | ES 3 | H/W 136 |
| 30BFB01 XB01 | 380V UNIT STANDBY BD 3 CUB01 BKR | OPENED CLOSED | 30BFB01 AA001 X05 128/129 | 30BYD01 XB 012 EF | Gn/1P Bn/1P | 30BFB8001 | UVG4ACV | I 4 2 | 1418 | ES 3 | H/W 137 |
| 30BFB06 XB01 | 380V UNIT STANDBY BD 3 CUB06 BKR | OPENED CLOSED | 30BFB06 AA001 X05 128/129 | 30BYD01 XB 013 EF | Gn/1P Bn/1P | 30BFB8002 | UVG4ACV | I 4 7 | 1419 | ES 3 | H/W 138 |
| 30BFB02 XB01 | 380V UNIT STANDBY BD 3 CUB02 BKR | OPENED CLOSED | 30BFB02 AA001 X05 128/129 | 30BYD01 XB 014 EF | Gn/1P Bn/1P | 30BFB8003 | UVG4ACV | I 4 3 | 1420 | ES 3 | H/W 139 |
| 30BFB03 XB01 | 380V UNIT STANDBY BD 3 CUB03 BKR | OPENED CLOSED | 30BFB03 AA001 X05 128/129 | 30BYD01 XB 015 EF | Gn/1P Bn/1P | 30BFB8004 | UVG4ACV | I 4 4 | 1421 | ES 3 | H/W 140 |
| 30BFB04 XB01 | 380V UNIT STANDBY BD 3 CUB04 BKR | OPENED CLOSED | 30BFB04 AA001 X05 128/129 | 30BYD01 XB 016 EF | Gn/1P Bn/1P | 30BFB8005 | UVG4ACV | I 4 5 | 1422 | ES 3 | H/W 141 |
| 30BFB05 XB01 | 380V UNIT STANDBY BD 3 CUB05 BKR | OPENED CLOSED | 30BFB05 AA001 X05 128/129 | 30BYD01 XB 017 EF | Gn/1P Bn/1P | 30BFB8006 | UVG4ACV | I 4 6 | 1423 | ES 3 | H/W 142 |
| 30BMA12 XB01 | 380V U/DIESEL GEN BD 3 CUB12 BKR | OPENED CLOSED | 30BMA12 AA001 X05 120/121 | 30BYD01 XB 018 EF | Gn/1P Bn/1P | 30BMA8001 | UVG4ACV | I 5 0 | 1424 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30BMA13 XB01 | 380V U/DIESEL GEN BD 3 CUB13 BKR | OPENED CLOSED | 30BMA13 AA001 X05 120/121 | 30BYD01 XB 019 EF | Gn/1P Bn/1P | 30BMA8002 | UVG4ACV | I 5 1 | 1425 | ES 3 | H/W 144 |
| 30BMA14 XB01 | 380V U/DIESEL GEN BD 3 CUB14 BKR | OPENED CLOSED | 30BMA14 AA001 X05 120/121 | 30BYD01 XB 020 EF | Gn/1P Bn/1P | 30BMA8003 | UVG4ACV | I 5 2 | 1426 | ES 3 | H/W 145 |
| 30BMA15 XB01 | 380V U/DIESEL GEN BD 3 CUB15 BKR | OPENED CLOSED | 30BMA15 AA001 X05 120/121 | 30BYD01 XB 021 EF | Gn/1P Bn/1P | 30BMA8004 | UVG4ACV | I 5 3 | 1427 | ES 3 | H/W 146 |
| 31BBA01 XB01 | 11kV UNIT BD 3A CUBO1 BKR | OPENED CLOSED | 31BBA01 AA001 X02 043/044 | 30BYD01 XB 022 EF | Gn/1P Bn/1P | 31BBA8001 | UVG8ACV | I 10 0 | 1428 | ES 3 | H/W 147 |
| 31BBA01 XB51 | 11kV UNIT BD 3A CUB01 | LOC/OFF REMOTE | 31BBA01 AA001 X02 054/055 | 30BYD01 XB 022 GH | W/1P Bk/1P | 31BBA8001 | UVG8ACV | I 10 1 | 1429 | ES 2 | H/W 148 |
| 31BBA03 EW001 XB01 | 11kV UNIT BD 3A CUBO3 BKR | OPENED CLOSED | 31BBA03 AA001 X03 003/004 | 30BYD01 XB 024 EF | Gn/1P Bn/1P | 31BBA8004 | UVG8ACV | I 10 2 | 1430 | ES 3 | H/W 149 |
| 31BBA03 XB51 | 11kV UNIT BD 3A CUB03 | LOC/OFF REMOTE | 31BBA03 AA001 X03 014/015 | 30BYD01 XB 024 GH | W/1P Bk/1P | 31BBA8004 | UVG8ACV | I 10 3 | 1431 | ES 2 | H/W 150 |
| 31BBA09 XB01 | 11kV UNIT BD 3A CUBO9 BKR | OPENED CLOSED | 31BBA09 AA001 X03 003/004 | 30BYD01 XB 026 EF | Gn/1P Bn/1P | 31BBA8005 | UVG4ACV | I 11 4 | 1432 | ES 3 | H/W 151 |
| 31BBA09 XB51 | 11kV UNIT BD 3A CUB09 | LOC/OFF REMOTE | 31BBA09 AA001 X03 014/015 | 30BYD01 XB 026 GH | W/1P Bk/1P | 31BBA8005 | UVG4ACV | I 11 5 | 1433 | ES 2 | H/W 152 |
| 31BBA10 EW001 XB01 | 11kV UNIT BD 3A CUB10 BKR | OPENED CLOSED | 31BBA10 AA001 X02 055/056 | 30BYD01 XB 027 EF | Gn/1P Bn/1P | 31BBA8006 | UVG8ACV | I 11 6 | 1434 | ES 3 | H/W 153 |
| 31BBA10 XB51 | 11kV UNIT BD 3A CUB10 | LOC/OFF REMOTE | 31BBA10 AA001 X03 006/007 | 30BYD01 XB 027 GH | W/1P Bk/1P | 31BBA8006 | UVG8ACV | I 11 7 | 1435 | ES 2 | H/W 154 |
| 31BBA12 XB01 | 11kV UNIT BD 3A CUB12 BKR | OPENED CLOSED | 31BBA12 AA001 X03 003/004 | 30BYD01 XB 029 EF | Gn/1P Bn/1P | 31BBA8007 | UVG4ACV | I 12 0 | 1436 | ES 3 | H/W 155 |
| 31BBA12 XB51 | 11kV UNIT BD 3A CUB12 | LOC/OFF REMOTE | 31BBA12 AA001 X03 014/015 | 30BYD01 XB 029 GH | W/1P Bk/1P | 31BBA8007 | UVG4ACV | I 12 1 | 1437 | ES 2 | H/W 156 |
| 31BBA05 XB01 | 11kV UNIT BD 3A CUBO5 BKR | OPENED CLOSED | 31BBA05 AA001 X02 053/054 | 30BYD01 XB 031 EF | Gn/1P Bn/1P | 31BBA8008 | UVG4ACV | I 10 4 | 1438 | ES 3 | H/W 157 |
| 31BBA05 XB51 | 11kV UNIT BD 3A CUB05 | LOC/OFF REMOTE | 31BBA05 AA001 X03 006/007 | 30BYD01 XB 031 GH | W/1P Bk/1P | 31BBA8008 | UVG4ACV | I 10 5 | 1439 | ES 2 | H/W 158 |
| 31BBA06 XB01 | 11kV UNIT BD 3A CUBO6 BKR | OPENED CLOSED | 31BBA06 AA001 X03 003/004 | 30BYD01 XB 033 EF | Gn/1P Bn/1P | 31BBA8009 | UVG4ACV | I 10 6 | 1440 | ES 3 | H/W 159 |
| 31BBA06 XB51 | 11kV UNIT BD 3A CUB06 | LOC/OFF REMOTE | 31BBA06 AA001 X03 014/015 | 30BYD01 XB 033 GH | W/1P Bk/1P | 31BBA8009 | UVG4ACV | I 10 7 | 1441 | ES 2 | H/W 160 |
| 31BBA07 XB01 | 11kV UNIT BD 3A CUBO7 BKR | OPENED CLOSED | 31BBA07 AA001 X03 003/004 | 30BYD01 XB 034 EF | Gn/1P Bn/1P | 31BBA8010 | UVG4ACV | I 11 0 | 1442 | ES 3 | H/W 161 |
| 31BBA07 XB51 | 11kV UNIT BD 3A CUB07 | LOC/OFF REMOTE | 31BBA07 AA001 X03 014/015 | 30BYD01 XB 034 GH | W/1P Bk/1P | 31BBA8010 | UVG4ACV | I 11 1 | 1443 | ES 2 | H/W 162 |
| 31BBA08 XB01 | 11kV UNIT BD 3A CUBO8 BKR | OPENED CLOSED | 31BBA08 AA001 X03 003/004 | 30BYD01 XB 036 EF | Gn/1P Bn/1P | 31BBA8011 | UVG4ACV | I 11 2 | 1444 | ES 3 | H/W 163 |
| 31BBA08 XB51 | 11kV UNIT BD 3A CUB08 | LOC/OFF REMOTE | 31BBA08 AA001 X03 014/015 | 30BYD01 XB 036 GH | W/1P Bk/1P | 31BBA8011 | UVG4ACV | I 11 3 | 1445 | ES 2 | H/W 164 |
| 31BCA01 XB01 | 6 6kV SERV BD 3A CUB01 BKR | OPENED CLOSED | 31BCA01 AA001 X02 043/044 | 30BYD01 XB 037 EF | Gn/1P Bn/1P | 31BCA8001 | UVG8ACV | I 9 4 | 1446 | ES 3 | H/W 165 |
| 31BCA01 XB51 | 6 6kV SERV BD 3A CUB01 | LOC/OFF REMOTE | 31BCA01 AA001 X02 054/055 | 30BYD01 XB 037 GH | W/1P Bk/1P | 31BCA8001 | UVG8ACV | I 9 5 | 1447 | ES 2 | H/W 166 |
| 31BCA02 EW001 XB01 | 6 6kV SERV BD 3A CUB02 BKR | OPENED CLOSED | 31BCA02 AA001 X03 003/004 | 30BYD01 XB 039 EF | Gn/1P Bn/1P | 31BCA8003 | UVG8ACV | I 9 6 | 1448 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 31BCA02 XB51 | 6 6kV SERV BD 3A CUB02 | LOC/OFF REMOTE | 31BCA02 AA001 X03 014/015 | 30BYD01 XB 039 GH | W/1P Bk/1P | 31BCA8003 | UVG8ACV | I 9 7 | 1449 | ES 2 | H/W 168 |
| 31BFA19 XB01 | 380V UNIT BD 3A CUB19 BKR | OPENED CLOSED | 31BFA19 AA001 X05 128/129 | 30BYD01 XB 041 EF | Gn/1P Bn/1P | 31BFA8001 | UVG4ACV | I 5 4 | 1450 | ES 3 | H/W 169 |
| 31BFA20 XB01 | 380V UNIT BD 3A CUB20 BKR | OPENED CLOSED | 31BFA20 AA001 X05 128/129 | 30BYD01 XB 042 EF | Gn/1P Bn/1P | 31BFA8002 | UVG4ACV | I 5 5 | 1451 | ES 3 | H/W 170 |
| 31BFA21 XB01 | 380V UNIT BD 3A CUB21 BKR | OPENED CLOSED | 31BFA21 AA001 X05 128/129 | 30BYD01 XB 043 EF | Gn/1P Bn/1P | 31BFA8004 | UVG8ACV | I 5 6 | 1452 | ES 3 | H/W 171 |
| 32BBA03 EW001 XB01 | 11kV UNIT BD 3B CUBO3 BKR | OPENED CLOSED | 32BBA03 AA001 X03 003/004 | 30BYD01 XB 044 EF | Gn/1P Bn/1P | 32BBA8003 | UVG8ACV | I 12 2 | 1453 | ES 3 | H/W 172 |
| 32BBA03 XB51 | 11kV UNIT BD 3B CUB03 | LOC/OFF REMOTE | 32BBA03 AA001 X03 014/015 | 30BYD01 XB 044 GH | W/1P Bk/1P | 32BBA8003 | UVG8ACV | I 12 3 | 1454 | ES 2 | H/W 173 |
| 32BBA05 XB01 | 11kV UNIT BD 3B CUBO5 BKR | OPENED CLOSED | 32BBA05 AA001 X02 053/054 | 30BYD01 XB 046 EF | Gn/1P Bn/1P | 32BBA8004 | UVG4ACV | I 12 4 | 1455 | ES 3 | H/W 174 |
| 32BBA05 XB51 | 11kV UNIT BD 3B CUB05 | LOC/OFF REMOTE | 32BBA05 AA001 X03 006/007 | 30BYD01 XB 046 GH | W/1P Bk/1P | 32BBA8004 | UVG4ACV | I 12 5 | 1456 | ES 2 | H/W 175 |
| 32BBA06 XB01 | 11kV UNIT BD 3B CUBO6 BKR | OPENED CLOSED | 32BBA06 AA001 X03 003/004 | 30BYD01 XB 047 EF | Gn/1P Bn/1P | 32BBA8005 | UVG4ACV | I 12 6 | 1457 | ES 3 | H/W 176 |
| 32BBA06 XB51 | 11kV UNIT BD 3B CUB06 | LOC/OFF REMOTE | 32BBA06 AA001 X03 014/015 | 30BYD01 XB 047 GH | W/1P Bk/1P | 32BBA8005 | UVG4ACV | I 12 7 | 1458 | ES 2 | H/W 177 |
| 32BBA07 XB01 | 11kV UNIT BD 3B CUBO7 BKR | OPENED CLOSED | 32BBA07 AA001 X03 003/004 | 30BYD01 XB 049 EF | Gn/1P Bn/1P | 32BBA8006 | UVG4ACV | I 13 0 | 1459 | ES 3 | H/W 178 |
| 32BBA07 XB51 | 11kV UNIT BD 3B CUB07 | LOC/OFF REMOTE | 32BBA07 AA001 X03 014/015 | 30BYD01 XB 049 GH | W/1P Bk/1P | 32BBA8006 | UVG4ACV | I 13 1 | 1460 | ES 2 | H/W 179 |
| 32BBA08 XB01 | 11kV UNIT BD 3B CUBO8 BKR | OPENED CLOSED | 32BBA08 AA001 X03 003/004 | 30BYD01 XB 050 EF | Gn/1P Bn/1P | 32BBA8007 | UVG4ACV | I 13 2 | 1461 | ES 3 | H/W 180 |
| 32BBA08 XB51 | 11kV UNIT BD 3B CUB08 | LOC/OFF REMOTE | 32BBA08 AA001 X03 014/015 | 30BYD01 XB 050 GH | W/1P Bk/1P | 32BBA8007 | UVG4ACV | I 13 3 | 1462 | ES 2 | H/W 181 |
| 32BBA09 XB01 | 11kV UNIT BD 3B CUBO9 BKR | OPENED CLOSED | 32BBA09 AA001 X03 003/004 | 30BYD01 XB 051 EF | Gn/1P Bn/1P | 32BBA8008 | UVG4ACV | I 13 4 | 1463 | ES 3 | H/W 182 |
| 32BBA09 XB51 | 11kV UNIT BD 3B CUB09 | LOC/OFF REMOTE | 32BBA09 AA001 X03 014/015 | 30BYD01 XB 051 GH | W/1P Bk/1P | 32BBA8008 | UVG4ACV | I 13 5 | 1464 | ES 2 | H/W 183 |
| 32BBA10 XB01 | 11kV UNIT BD 3B CUB10 BKR | OPENED CLOSED | 32BBA10 AA001 X03 003/004 | 30BYD01 XB 052 EF | Gn/1P Bn/1P | 32BBA8009 | UVG4ACV | I 13 6 | 1465 | ES 3 | H/W 184 |
| 32BBA10 XB51 | 11kV UNIT BD 3B CUB10 | LOC/OFF REMOTE | 32BBA10 AA001 X03 014/015 | 30BYD01 XB 052 GH | W/1P Bk/1P | 32BBA8009 | UVG4ACV | I 13 7 | 1466 | ES 2 | H/W 185 |
| 32BBA11 XB01 | 11kV UNIT BD 3B CUB11 BKR | OPENED CLOSED | 32BBA11 AA001 X03 003/004 | 30BYD01 XB 053 EF | Gn/1P Bn/1P | 32BBA8010 | UVG4ACV | I 14 0 | 1467 | ES 3 | H/W 186 |
| 32BBA11 XB51 | 11kV UNIT BD 3B CUB11 | LOC/OFF REMOTE | 32BBA11 AA001 X03 014/015 | 30BYD01 XB 053 GH | W/1P Bk/1P | 32BBA8010 | UVG4ACV | I 14 1 | 1468 | ES 2 | H/W 187 |
| 32BBA12 XB01 | 11kV UNIT BD 3B CUB12 BKR | OPENED CLOSED | 32BBA12 AA001 X03 003/004 | 30BYD01 XB 054 EF | Gn/1P Bn/1P | 32BBA8011 | UVG4ACV | I 14 2 | 1469 | ES 3 | H/W 188 |
| 32BBA12 XB51 | 11kV UNIT BD 3B CUB12 | LOC/OFF REMOTE | 32BBA12 AA001 X03 014/015 | 30BYD01 XB 054 GH | W/1P Bk/1P | 32BBA8011 | UVG4ACV | I 14 3 | 1470 | ES 2 | H/W 189 |
| 32BCA01 EW001 XB01 | 6 6kV SERV BD 3B CUB01 BKR | OPENED CLOSED | 32BCA01 AA001 X03 003/004 | 30BYD01 XB 055 EF | Gn/1P Bn/1P | 32BCA8001 | UVG8ACV | I 14 4 | 1471 | ES 3 | H/W 190 |
| 32BCA01 XB51 | 6 6kV SERV BD 3B CUB01 | LOC/OFF REMOTE | 32BCA01 AA001 X02 014/015 | 30BYD01 XB 055 GH | W/1P Bk/1P | 32BCA8001 | UVG8ACV | I 14 5 | 1472 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 32BFA18 XB01 | 380V UNIT BD 3B CUB18 BKR | OPENED CLOSED | 32BFA18 AA001 X05 128/129 | 30BYD01 XB 057 EF | Gn/1P Bn/1P | 32BFA8002 | UVG4ACV | I 6 0 | 1473 | ES 3 | H/W 192 |
| 32BFA19 XB01 | 380V UNIT BD 3B CUB19 BKR | OPENED CLOSED | 32BFA19 AA001 X05 128/129 | 30BYD01 XB 058 EF | Gn/1P Bn/1P | 32BFA8004 | UVG4ACV | I 6 1 | 1474 | ES 3 | H/W 193 |
| 32BFA17 XB01 | 380V UNIT BD 3B CUB17 BKR | OPENED CLOSED | 32BFA17 AA001 X05 128/129 | 30BYD01 XB 059 EF | Gn/1P Bn/1P | 32BFA8001 | UVG4ACV | I 5 7 | 1475 | ES 3 | H/W 194 |
| 33BFA20 XB01 | 380V UNIT BD 3C CUB20 BKR | OPENED CLOSED | 33BFA20 AA001 X05 128/129 | 30BYD01 XB 060 EF | Gn/1P Bn/1P | 33BFA8003 | UVG4ACV | I 6 3 | 1476 | ES 3 | H/W 195 |
| 33BFA19 XB01 | 380V UNIT BD 3C CUB19 BKR | OPENED CLOSED | 33BFA19 AA001 X05 128/129 | 30BYD01 XB 061 EF | Gn/1P Bn/1P | 33BFA8004 | UVG4ACV | I 6 2 | 1477 | ES 3 | H/W 196 |
| 34BFA18 XB01 | 380V UNIT BD 3D CUB18 BKR | OPENED CLOSED | 34BFA18 AA001 X05 128/129 | 30BYD01 XB 062 EF | Gn/1P Bn/1P | 34BFA8003 | UVG4ACV | I 6 5 | 1478 | ES 3 | H/W 197 |
| 34BFA17 XB01 | 380V UNIT BD 3D CUB17 BKR | OPENED CLOSED | 34BFA17 AA001 X05 128/129 | 30BYD01 XB 063 EF | Gn/1P Bn/1P | 34BFA8004 | UVG4ACV | I 6 4 | 1479 | ES 3 | H/W 198 |
| | UNIT 3 SPARE (ALARM NUMBER 1480) | | | | | | | | 1480 | E 3 | H/W 199 |
| 30BFF02 XB01 | 380V U3 FLY ASH BUNK BD CUB 02 | OPENED CLOSED | 30BFF02 AA001 X05 128/129 | 30BYD01 XB 069 EF | Gn/1P Bn/1P | 30BFF8004 | UVG4ACV | I 6 7 | 1481 | ES 3 | H/W 200 |
| 30BLA01 XB01 | 380V UNIT LIGHTING BD 3 CUB01 | OPENED CLOSED | 30BLA01 AA001 X05 128/129 | 30BYD01 XB 070 EF | Gn/1P Bn/1P | 30BLA8003 | UVG4ACV | I 7 1 | 1482 | ES 3 | H/W 201 |
| 30BLA02 XB01 | 380V UNIT LIGHTING BD 3 CUB02 | OPENED CLOSED | 30BLA02 AA001 X05 128/129 | 30BYD01 XB 071 EF | Gn/1P Bn/1P | 30BLA8004 | UVG4ACV | I 7 2 | 1483 | ES 3 | H/W 202 |
| 30BBA02 EW001 XB01 | 11kV UNIT BD 3B BUSBAR E/S | ON OFF | 31BBA01 AA001 X03 009/010 | 30BYD01 XB 023 AB | Be/2P R/2P | 31BBA8001 | UVG8ACV | I 16 1 | 1484 | ES 3 | H/W 203 |
| 30BBA01 EW002 XB01 | 11kV UNIT BD 3A BUSBAR ISOLATOR | CLOSED OPENED | 31BBA01 AA001 X03 017/052 | 30BYD01 XB 023 CD | Gy/2P Y/2P | 31BBA8001 | UVG8ACV | I 16 2 | 1485 | ES 3 | H/W 204 |
| 30BBA01 EW001 XB01 | 11kV UNIT BD 3A BUSBAR E/S | ON OFF | 31BBA01 AA001 X03 005/006 | 30BYD01 XB 023 EF | Gn/2P Bn/2P | 31BBA8001 | UVG8ACV | I 16 3 | 1486 | ES 3 | H/W 205 |
| 30BBA02 EW002 XB01 | 11kV UNIT BD 3B BUSBAR ISOLATOR | CLOSED OPENED | 31BBA01 AA001 X03 018/049 | 30BYD01 XB 023 GH | W/2P Bk/2P | 31BBA8001 | UVG8ACV | I 16 4 | 1487 | ES 3 | H/W 206 |
| 31BBA03 EW002 XB01 | 11kV UNIT BD 3A CUB 03 CBL E/S | ON OFF | 31BBA03 AA001 X03 029/030 | 30BYD01 XB 025 AB | Be/2P R/2P | 31BBA8004 | UVG8ACV | I 16 5 | 1488 | ES 3 | H/W 207 |
| 31BBA03 EW003 XB01 | 11kV UNIT BD 3A CUB 03 ISOLATOR | CLOSED OPENED | 31BBA03 AA001 X03 052/051 | 30BYD01 XB 025 CD | Gy/2P Y/2P | 31BBA8004 | UVG8ACV | I 16 6 | 1489 | ES 3 | H/W 208 |
| 31BBA10 EW002 XB01 | 11kV UNIT BD 3A CUB 10 CBL E/S | ON OFF | 31BBA10 AA001 X03 017/018 | 30BYD01 XB 028 AB | Be/2P R/2P | 31BBA8006 | UVG8ACV | I 16 7 | 1490 | ES 3 | H/W 209 |
| 31BBA10 EW003 XB01 | 11kV UNIT BD 3A CUB 10 ISOLATOR | CLOSED OPENED | 31BBA10 AA001 X03 052/051 | 30BYD01 XB 028 CD | Gy/2P Y/2P | 31BBA8006 | UVG8ACV | I 17 0 | 1491 | ES 3 | H/W 210 |
| 30BCA02 EW001 XB01 | 6 6kV SERV BD 3B BUSBAR E/S | ON OFF | 31BCA01 AA001 X03 009/010 | 30BYD01 XB 038 AB | Be/2P R/2P | 31BCA8001 | UVG8ACV | I 17 1 | 1492 | ES 3 | H/W 211 |
| 30BCA01 EW002 XB01 | 6 6kV SERV BD 3A BUSBAR ISOLATOR | CLOSED OPENED | 31BCA01 AA001 X03 017/052 | 30BYD01 XB 038 CD | Gy/2P Y/2P | 31BCA8001 | UVG8ACV | I 17 2 | 1493 | ES 3 | H/W 212 |
| 30BCA01 EW001 XB01 | 6 6kV SERV BD 3A BUSBAR E/S | ON OFF | 31BCA01 AA001 X03 005/006 | 30BYD01 XB 038 EF | Gn/2P Bn/2P | 31BCA8001 | UVG8ACV | I 17 3 | 1494 | ES 3 | H/W 213 |
| 30BCA02 EW002 XB01 | 6 6kV SERV BD 3B BUSBAR ISOLATOR | CLOSED OPENED | 31BCA01 AA001 X03 018/050 | 30BYD01 XB 038 GH | W/2P Bk/2P | 31BCA8001 | UVG8ACV | I 17 4 | 1495 | ES 3 | H/W 214 |
| 31BCA02 EW002 XB01 | 6 6kV SERV BD 3A CUB 02 CBL E/S | ON OFF | 31BCA02 AA001 X03 029/030 | 30BYD01 XB 040 AB | Be/2P R/2P | 31BCA8003 | UVG8ACV | I 17 5 | 1496 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 31BCA02 EW003 XB01 | 6 6kV SERV BD 3A CUB 02 ISOLATOR | CLOSED<br>OPENED | 31BCA02 AA001 X03 062/061 | 30BYD01 XB 040 CD | Gy/2P Y/2P | 31BCA8003 | UVG8ACV | I 17 6 | 1497 | ES 3 | H/W 216 |
| 31BFC01 XB01 | 380V U3 PRECIP BD A CUB 01 BKR | OPENED<br>CLOSED | 31BFC01 AA001 X05 128/129 | 30BYD01 XB 072 EF | Gn/1P Bn/1P | 31BFC8002 | UVG4ACV | I 7 3 | 1498 | ES 3 | H/W 217 |
| 31BFC02 XB01 | 380V U3 PRECIP BD A CUB 02 BKR | OPENED<br>CLOSED | 31BFC02 AA001 X05 128/129 | 30BYD01 XB 073 EF | Gn/1P Bn/1P | 31BFC8003 | UVG4ACV | I 7 4 | 1499 | ES 3 | H/W 218 |
| 32BBA03 EW002 XB01 | 11kV UNIT BD 3B CUB 03 CBL E/S | ON<br>OFF | 32BBA03 AA001 X03 029/030 | 30BYD01 XB 045 AB | Be/2P R/2P | 32BBA8003 | UVG8ACV | I 17 7 | 1500 | ES 3 | H/W 219 |
| 32BBA03 EW003 XB01 | 11kV UNIT BD 3B CUB 03 ISOLATOR | CLOSED<br>OPENED | 32BBA03 AA001 X03 052/051 | 30BYD01 XB 045 CD | Gy/2P Y/2P | 32BBA8003 | UVG8ACV | I 18 0 | 1501 | ES 3 | H/W 220 |
| 32BCA01 EW002 XB01 | 6 6kV SERV BD 3B CUB 01 CBL E/S | ON<br>OFF | 32BCA01 AA001 X03 029/030 | 30BYD01 XB 056 AB | Be/2P R/2P | 32BCA8001 | UVG8ACV | I 18 1 | 1502 | ES 3 | H/W 221 |
| 32BCA01 EW003 XB01 | 6 6kV SERV BD 3B CUB 01 ISOLATOR | CLOSED<br>OPENED | 32BCA01 AA001 X02 059/060 | 30BYD01 XB 056 CD | Gy/2P Y/2P | 32BCA8001 | UVG8ACV | I 18 2 | 1503 | ES 3 | H/W 222 |
| 32BFC01 XB01 | 380V U3 PRECIP BD B CUB 01 BKR | OPENED<br>CLOSED | 32BFC02 AA001 X05 128/129 | 30BYD01 XB 074 EF | Gn/1P Bn/1P | 32BFC8002 | UVG4ACV | I 7 5 | 1504 | ES 3 | H/W 223 |
| 30CJN00 GS001 XB01 | GEN 3 FIELD BREAKER TRIP | DISABLED<br>NORMAL | 30BAY03 AA001 X04 036/037 | 30BYD01 XB 003 EF | Gn/3P Bn/3P | 30BAY8003 | UVG20ACV | I 18 3 | 1505 | A 3 | H/W 224 |
| 30CJN00 XB01 | GEN 3 FIELD BREAKER | CLOSED<br>OPENED | 30CJN03 WA002 062/063 | 30BYD01 XB 076 AB | Be/2P R/2P | 30BAY8012 | UVG8ACV | I 18 4 | 1506 | A 3 | H/W 225 |
| 30BDE01 EW002 XB01 | 3 3kV U3 D/GEN BD CUB01 E/S | ON<br>OFF | 30BDE01 AA001 X03 023/024 | 30BYD01 XB 010 AB | Be/1P R/1P | 30BDE8001 | UVG4ACV | I 8 5 | 1507 | ES 3 | H/W 226 |
| 30BDE01 EW003 XB01 | 3 3kV U3 D/GEN BD CUB01 ISOLATOR | CLOSED<br>OPENED | 30BDE01 AA001 X03 019/020 | 30BYD01 XB 010 CD | Gy/1P Y/1P | 30BDE8001 | UVG4ACV | I 14 6 | 1508 | ES 3 | H/W 227 |
| | UNIT 3 SPARE (ALARM NUMBER 1509) | | | | | | | | 1509 | E 3 | H/W 228 |
| | UNIT 3 SPARE (ALARM NUMBER 1510) | | | | | | | | 1510 | E 3 | H/W 229 |
| | UNIT 3 SPARE (ALARM NUMBER 1511) | | | | | | | | 1511 | E 3 | H/W 230 |
| | UNIT 3 SPARE (ALARM NUMBER 1512) | | | | | | | | 1512 | E 3 | H/W 231 |
| | UNIT 3 SPARE (ALARM NUMBER 1513) | | | | | | | | 1513 | E 3 | H/W 232 |
| | UNIT 3 SPARE (ALARM NUMBER 1514) | | | | | | | | 1514 | E 3 | H/W 233 |
| | UNIT 3 SPARE (ALARM NUMBER 1515) | | | | | | | | 1515 | E 3 | H/W 234 |
| | UNIT 3 SPARE (ALARM NUMBER 1516) | | | | | | | | 1516 | E 3 | H/W 235 |
| | UNIT 3 SPARE (ALARM NUMBER 1517) | | | | | | | | 1517 | E 3 | H/W 236 |
| | UNIT 3 SPARE (ALARM NUMBER 1518) | | | | | | | | 1518 | E 3 | H/W 237 |
| | UNIT 3 SPARE (ALARM NUMBER 1519) | | | | | | | | 1519 | E 3 | H/W 238 |
| | UNIT 3 SPARE (ALARM NUMBER 1520) | | | | | | | | 1520 | 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 3 SPARE (ALARM NUMBER 1521) | | | | | | | | 1521 | E 3 | H/W 240 |
| | UNIT 3 SPARE (ALARM NUMBER 1522) | | | | | | | | 1522 | E 3 | H/W 241 |
| | UNIT 3 SPARE (ALARM NUMBER 1523) | | | | | | | | 1523 | E 3 | H/W 242 |
| | UNIT 3 SPARE (ALARM NUMBER 1524) | | | | | | | | 1524 | E 3 | H/W 243 |
| | UNIT 3 SPARE (ALARM NUMBER 1525) | | | | | | | | 1525 | E 3 | H/W 244 |
| | UNIT 3 SPARE (ALARM NUMBER 1526) | | | | | | | | 1526 | E 3 | H/W 245 |
| | UNIT 3 SPARE (ALARM NUMBER 1527) | | | | | | | | 1527 | E 3 | H/W 246 |
| | UNIT 3 SPARE (ALARM NUMBER 1528) | | | | | | | | 1528 | E 3 | H/W 247 |
| | UNIT 3 SPARE (ALARM NUMBER 1529) | | | | | | | | 1529 | E 3 | H/W 248 |
| | UNIT 3 SPARE (ALARM NUMBER 1530) | | | | | | | | 1530 | E 3 | H/W 249 |
| | UNIT 3 SPARE (ALARM NUMBER 1531) | | | | | | | | 1531 | E 3 | H/W 250 |
| | UNIT 3 SPARE (ALARM NUMBER 1532) | | | | | | | | 1532 | E 3 | H/W 251 |
| | UNIT 3 SPARE (ALARM NUMBER 1533) | | | | | | | | 1533 | E 3 | H/W 252 |
| | UNIT 3 SPARE (ALARM NUMBER 1534) | | | | | | | | 1534 | E 3 | H/W 253 |
| | UNIT 3 SPARE (ALARM NUMBER 1535) | | | | | | | | 1535 | E 3 | H/W 254 |
| | UNIT 3 SPARE (ALARM NUMBER 1536) | | | | | | | | 1536 | E 3 | H/W 255 |
| | UNIT 3 SPARE (ALARM NUMBER 1537) | | | | | | | | 1537 | E 3 | H/W 256 |
| | UNIT 3 SPARE (ALARM NUMBER 1538) | | | | | | | | 1538 | E 3 | H/W 257 |
| | UNIT 3 SPARE (ALARM NUMBER 1539) | | | | | | | | 1539 | E 3 | H/W 258 |
| | UNIT 3 SPARE (ALARM NUMBER 1540) | | | | | | | | 1540 | E 3 | H/W 259 |
| | UNIT 3 SPARE (ALARM NUMBER 1541) | | | | | | | | 1541 | E 3 | H/W 260 |
| | UNIT 3 SPARE (ALARM NUMBER 1542) | | | | | | | | 1542 | E 3 | H/W 261 |
| | UNIT 3 SPARE (ALARM NUMBER 1543) | | | | | | | | 1543 | E 3 | H/W 262 |
| | UNIT 3 SPARE (ALARM NUMBER 1544) | | | | | | | | 1544 | 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 3 SPARE (ALARM NUMBER 1545) | | | | | | | | 1545 | E 3 | H/W 264 |
| | UNIT 3 SPARE (ALARM NUMBER 1546) | | | | | | | | 1546 | E 3 | H/W 265 |
| | UNIT 3 SPARE (ALARM NUMBER 1547) | | | | | | | | 1547 | E 3 | H/W 266 |
| | UNIT 3 SPARE (ALARM NUMBER 1548) | | | | | | | | 1548 | E 3 | H/W 268 |
| | UNIT 3 SPARE (ALARM NUMBER 1549) | | | | | | | | 1549 | E 3 | H/W 267 |
| | UNIT 3 SPARE (ALARM NUMBER 1550) | | | | | | | | 1550 | E 3 | H/W 269 |
| | UNIT 3 SPARE (ALARM NUMBER 1551) | | | | | | | | 1551 | E 3 | H/W 270 |
| | UNIT 3 SPARE (ALARM NUMBER 1552) | | | | | | | | 1552 | E 3 | H/W 271 |
| | UNIT 3 SPARE (ALARM NUMBER 1553) | | | | | | | | 1553 | E 3 | H/W 272 |
| | UNIT 3 SPARE (ALARM NUMBER 1554) | | | | | | | | 1554 | E 3 | H/W 273 |
| | UNIT 3 SPARE (ALARM NUMBER 1555) | | | | | | | | 1555 | E 3 | H/W 274 |
| | UNIT 3 SPARE (ALARM NUMBER 1556) | | | | | | | | 1556 | E 3 | H/W 275 |
| | UNIT 3 SPARE (ALARM NUMBER 1557) | | | | | | | | 1557 | E 3 | H/W 276 |
| | UNIT 3 SPARE (ALARM NUMBER 1558) | | | | | | | | 1558 | E 3 | H/W 277 |
| | UNIT 3 SPARE (ALARM NUMBER 1559) | | | | | | | | 1559 | E 3 | H/W 278 |
| | UNIT 3 SPARE (ALARM NUMBER 1560) | | | | | | | | 1560 | E 3 | H/W 279 |
| | UNIT 3 SPARE (ALARM NUMBER 1561) | | | | | | | | 1561 | E 3 | H/W 280 |
| | UNIT 3 SPARE (ALARM NUMBER 1562) | | | | | | | | 1562 | E 3 | H/W 281 |
| | UNIT 3 SPARE (ALARM NUMBER 1563) | | | | | | | | 1563 | E 3 | H/W 282 |
| | UNIT 3 SPARE (ALARM NUMBER 1564) | | | | | | | | 1564 | E 3 | H/W 283 |
| | UNIT 3 SPARE (ALARM NUMBER 1565) | | | | | | | | 1565 | E 3 | H/W 284 |
| | UNIT 3 SPARE (ALARM NUMBER 1566) | | | | | | | | 1566 | E 3 | H/W 285 |
| | UNIT 3 SPARE (ALARM NUMBER 1567) | | | | | | | | 1567 | E 3 | H/W 286 |
| | UNIT 3 SPARE (ALARM NUMBER 1568) | | | | | | | | 1568 | 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 3 SPARE (ALARM NUMBER 1569) | | | | | | | | 1569 | E 3 | H/W 288 |
| | UNIT 3 SPARE (ALARM NUMBER 1570) | | | | | | | | 1570 | E 3 | H/W 289 |
| | UNIT 3 SPARE (ALARM NUMBER 1571) | | | | | | | | 1571 | E 3 | H/W 290 |
| | UNIT 3 SPARE (ALARM NUMBER 1572) | | | | | | | | 1572 | E 3 | H/W 291 |
| | UNIT 3 SPARE (ALARM NUMBER 1573) | | | | | | | | 1573 | E 3 | H/W 292 |
| | UNIT 3 SPARE (ALARM NUMBER 1574) | | | | | | | | 1574 | E 3 | H/W 293 |
| | UNIT 3 SPARE (ALARM NUMBER 1575) | | | | | | | | 1575 | E 3 | H/W 294 |
| | UNIT 3 SPARE (ALARM NUMBER 1576) | | | | | | | | 1576 | E 3 | H/W 295 |
| | UNIT 3 SPARE (ALARM NUMBER 1577) | | | | | | | | 1577 | E 3 | H/W 296 |
| | UNIT 3 SPARE (ALARM NUMBER 1578) | | | | | | | | 1578 | E 3 | H/W 297 |
| | UNIT 3 SPARE (ALARM NUMBER 1579) | | | | | | | | 1579 | E 3 | H/W 298 |
| | UNIT 3 SPARE (ALARM NUMBER 1580) | | | | | | | | 1580 | E 3 | H/W 299 |
| | UNIT 3 SPARE (ALARM NUMBER 1581) | | | | | | | | 1581 | E 3 | H/W 300 |
| | UNIT 3 SPARE (ALARM NUMBER 1582) | | | | | | | | 1582 | E 3 | H/W 301 |
| | UNIT 3 SPARE (ALARM NUMBER 1583) | | | | | | | | 1583 | E 3 | H/W 302 |
| | UNIT 3 SPARE (ALARM NUMBER 1584) | | | | | | | | 1584 | E 3 | H/W 303 |
| | UNIT 3 SPARE (ALARM NUMBER 1585) | | | | | | | | 1585 | E 3 | H/W 304 |
| | UNIT 3 SPARE (ALARM NUMBER 1586) | | | | | | | | 1586 | E 3 | H/W 305 |
| | UNIT 3 SPARE (ALARM NUMBER 1587) | | | | | | | | 1587 | E 3 | H/W 306 |
| | UNIT 3 SPARE (ALARM NUMBER 1588) | | | | | | | | 1588 | E 3 | H/W 307 |
| | UNIT 3 SPARE (ALARM NUMBER 1589) | | | | | | | | 1589 | E 3 | H/W 308 |
| | UNIT 3 SPARE (ALARM NUMBER 1590) | | | | | | | | 1590 | E 3 | H/W 309 |
| | UNIT 3 SPARE (ALARM NUMBER 1591) | | | | | | | | 1591 | E 3 | H/W 310 |
| | UNIT 3 SPARE (ALARM NUMBER 1592) | | | | | | | | 1592 | 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 3 SPARE (ALARM NUMBER 1593) | | | | | | | | 1593 | E 3 | H/W 312 |
| | UNIT 3 SPARE (ALARM NUMBER 1594) | | | | | | | | 1594 | E 3 | H/W 313 |
| | UNIT 3 SPARE (ALARM NUMBER 1595) | | | | | | | | 1595 | E 3 | H/W 314 |
| | UNIT 3 SPARE (ALARM NUMBER 1596) | | | | | | | | 1596 | E 3 | H/W 315 |
| | UNIT 3 SPARE (ALARM NUMBER 1597) | | | | | | | | 1597 | E 3 | H/W 316 |
| | UNIT 3 SPARE (ALARM NUMBER 1598) | | | | | | | | 1598 | E 3 | H/W 317 |
| | UNIT 3 SPARE (ALARM NUMBER 1599) | | | | | | | | 1599 | E 3 | H/W 318 |
| | UNIT 3 SPARE (ALARM NUMBER 1600) | | | | | | | | 1600 | E 3 | H/W 319 |
| | UNIT 3 SPARE (ALARM NUMBER 1601) | | | | | | | | 1601 | E 3 | H/W 320 |
| | UNIT 3 SPARE (ALARM NUMBER 1602) | | | | | | | | 1602 | E 3 | H/W 321 |
| | UNIT 3 SPARE (ALARM NUMBER 1603) | | | | | | | | 1603 | E 3 | H/W 322 |
| | UNIT 3 SPARE (ALARM NUMBER 1604) | | | | | | | | 1604 | E 3 | H/W 323 |
| | UNIT 3 SPARE (ALARM NUMBER 1605) | | | | | | | | 1605 | E 3 | H/W 324 |
| 30MKA10 EW200 XW85 | GEN 3 100% STATOR E/F | TRIP NORMAL | 30BAY01 AA001 X32 006/013 | 30BYB01 XH 005 CD | Gy/2P Y/2P | 30BAY8001 | UVG48ACV | | 1606 | A 2 | H/W 325 |
| 30BAT10 AA001 XW53 | GEN TRFR 3 DIFF R PHASE | TRIP NORMAL | 30BAY01 AA001 X33 005/012 | 30BYB01 XH 005 GH | W/2P Bk/2P | 30BAY8001 | UVG48ACV | | 1607 | A 2 | H/W 326 |
| 30BAT10 AA002 XW53 | GEN TRFR 3 DIFF W PHASE | TRIP NORMAL | 30BAY01 AA001 X33 006/013 | 30BYB01 XH 006 AB | Be/3P R/3P | 30BAY8001 | UVG48ACV | | 1608 | A 2 | H/W 327 |
| 30BAT10 AA003 XW53 | GEN TRFR 3 DIFF B PHASE | TRIP NORMAL | 30BAY01 AA001 X33 007/014 | 30BYB01 XH 006 CD | Gy/3P Y/3P | 30BAY8001 | UVG48ACV | | 1609 | A 2 | H/W 328 |
| 30BAT10 XW38 | GEN TRFR 3 OVERFLUXING STAGE 1 | TRIP NORMAL | 30BAY01 AA001 X37 002/009 | 30BYB01 XH 007 GH | W/4P Bk/4P | 30BAY8001 | UVG48ACV | | 1610 | A 2 | H/W 329 |
| 30MKA10 XW71 | GEN 3 HOUSE LOADING | TRIP NORMAL | 30BAY01 AA001 X37 006/013 | 30BYB01 XH 008 AB | Be/1O R/1O | 30BAY8001 | UVG48ACV | | 1611 | A 1 | H/W 330 |
| 30BBT10 AA001 XW53 | UNIT TRFR 3A DIFF R PHASE | TRIP NORMAL | 30BAY01 AA001 X24 001/008 | 30BYB01 XH 008 EF | Gn/1O Bn/1O | 30BAY8001 | UVG48ACV | | 1612 | A 2 | H/W 331 |
| 30BBT10 GT200 XW85 | UNIT TRFR 3A 22kV EARTH FAULT | TRIP NORMAL | 30BAY01 AAOO1 X38 002/009 | 30BYB01 XH 008 GH | W/1O Bk/1O | 30BAY8001 | UVG48ACV | | 1613 | A 2 | H/W 332 |
| 30BBT10 GT100 XW31 | UNIT TRFR 3A 11kV R/E/F | TRIP NORMAL | 30BAY01 AA001 X38 003/010 | 30BYB01 XH 009 AB | Be/2O R/2O | 30BAY8001 | UVG48ACV | | 1614 | A 2 | H/W 333 |
| 30BBT20 AA001 XW53 | UNIT TRFR 3B DIFF R PHASE | TRIP NORMAL | 30BAY01 AA001 X24 004/011 | 30BYB01 XH 009 CD | Gy/2O Y/2O | 30BAY8001 | UVG48ACV | | 1615 | A 2 | H/W 334 |
| 30BBT20 GT100 XW31 | UNIT TRFR 3B 11kV R/E/F | TRIP NORMAL | 30BAY01 AA001 X38 005/012 | 30BYB01 XH 009 EF | Gn/2O Bn/2O | 30BAY8001 | UVG48ACV | | 1616 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30BAT10 XW95 | GEN TRFR 3 OIL TEMP | TRIP NORMAL | 30BAY01 AA001 X39 002/009 | 30BYB01 XH 009 GH | W/2O Bk/2O | 30BAY8001 | UVG48ACV | | 1617 | A 2 | H/W 336 |
| 30BBT10 GT100 XW95 | UNIT TRFR 3A OIL TEMP | TRIP NORMAL | 30BAY01 AA001 X39 005/012 | 30BYB01 XH 010 AB | Be/3O R/3O | 30BAY8001 | UVG48ACV | | 1618 | A 2 | H/W 337 |
| 30BBT20 GT100 XW95 | UNIT TRFR 3B OIL TEMP | TRIP NORMAL | 30BAY01 AA001 X39 007/014 | 30BYB01 XH 010 CD | Gy/3O Y/3O | 30BAY8001 | UVG48ACV | | 1619 | A 2 | H/W 338 |
| 30BAT10 XW32 | GEN TRFR 3 TAP CHANGER PRD | TRIP NORMAL | 30BAY01 AA001 X40 001/008 | 30BYB01 XH 010 EF | Gn/3O Bn/3O | 30BAY8001 | UVG48ACV | | 1620 | A 2 | H/W 339 |
| 30BBT10 AA002 XW53 | UNIT TRFR 3A DIFF W PHASE | TRIP NORMAL | 30BAY01 AA001 X24 002/009 | 30BYB01 XH 010 GH | W/3O Bk/3O | 30BAY8001 | UVG48ACV | | 1621 | A 2 | H/W 340 |
| 30BBT10 AA003 XW53 | UNIT TRFR 3A DIFF B PHASE | TRIP NORMAL | 30BAY01 AA001 X24 003/010 | 30BYB01 XH 011 AB | Be/4O R/4O | 30BAY8001 | UVG48ACV | | 1622 | A 2 | H/W 341 |
| 30BBT20 AA002 XW53 | UNIT TRFR 3B DIFF W PHASE | TRIP NORMAL | 30BAY01 AA001 X24 005/012 | 30BYB01 XH 011 CD | Gy/4O Y/4O | 30BAY8001 | UVG48ACV | | 1623 | A 2 | H/W 342 |
| 30BBT20 AA003 XW53 | UNIT TRFR 3B DIFF B PHASE | TRIP NORMAL | 30BAY01 AA001 X24 006/013 | 30BYB01 XH 011 EF | Gn/4O Bn/4O | 30BAY8001 | UVG48ACV | | 1624 | A 2 | H/W 343 |
| 30MKA10 EW001 XW39 | GEN 3 M1 EXITATION TRIP DC | FAIL NORMAL | 30BAY01 AA001 X51 053/058 | 30BYB01 XH 011 GH | W/4O Bk/4O | 30BAY8001 | UVG48ACV | | 1625 | A 1 | H/W 344 |
| 30MKA10 EW001 XW51 | GEN 3 M1 PROT CUB DC | FAIL NORMAL | 30BAY01 AA001 X51 047/048 | 30BYB01 XH 012 AB | Be/1V R/1V | 30BAY8001 | UVG48ACV | | 1626 | A 1 | H/W 345 |
| 30BAT10 XW33 | GEN TRFR 3 OVERFLUXING STAGE 2 | TRIP NORMAL | 30BAY01 AA001 X37 003/010 | 30BYB01 XH 012 CD | Gy/1V Y/1V | 30BAY8001 | UVG48ACV | | 1627 | A 2 | H/W 346 |
| 30MKA10 EW002 XW22 | GEN 3 M2 GROUP | TRIP NORMAL | 30BAY02 AA001 X25 005/012 | 30BYB01 XH 016 AB | Be/1P R/1P | 30BAY8002 | UVG48ACV | I 22 3 | 1628 | A 2 | H/W 347 |
| 30MKA10 EW002 XW11 | GEN 3 M2 NEG PHASE SEQUENCE | TRIP NORMAL | 30BAY02 AA001 X32 004/011 | 30BYB01 XH 017 AB | Be/2P R/2P | 30BAY8002 | UVG48ACV | | 1629 | A 2 | H/W 348 |
| 30MKA10 EW101 XW65 | GEN 3 ROTOR E/F < 80 K OHM | ALARM NORMAL | 30BAY02 AA001 X33 002/009 | 30BYB01 XH 017 GH | W/2P Bk/2P | 30BAY8002 | UVG48ACV | | 1630 | A 1 | H/W 349 |
| 30MKA10 XW12 | GEN 3 OVERFLUXING STAGE 1 | ALARM NORMAL | 30BAY02 AA001 X31 005/012 | 30BYB01 XH 018 EF | Gn/3P Bn/3P | 30BAY8002 | UVG48ACV | | 1631 | A 1 | H/W 350 |
| 30BAT10 XW31 | GEN TRFR 3 HV RESTRICTED E/F | TRIP NORMAL | 30BAY02 AA001 X34 001/008 | 30BYB01 XH 019 EF | Gn/4P Bn/4P | 30BAY8002 | UVG48ACV | | 1632 | A 2 | H/W 351 |
| 30BAT10 XW29 | GEN TRFR 3 HV BACK UP E/F | TRIP NORMAL | 30BAY02 AA001 X35 001/008 | 30BYB01 XH 019 GH | W/4P Bk/4P | 30BAY8002 | UVG48ACV | | 1633 | A 2 | H/W 352 |
| 30BBT10 GT100 XW34 | UNIT TRFR 3A 22kV OVERCURRENT | TRIP NORMAL | 30BAY02 AAOO1 X35 002/009 | 30BYB01 XH 020 CD | Gy/1O Y/1O | 30BAY8002 | UVG48ACV | | 1634 | A 2 | H/W 353 |
| 30BBT20 GT100 XW34 | UNIT TRFR 3B 22kV OVERCURRENT | TRIP NORMAL | 30BAY02 AA001 X35 005/012 | 30BYB01 XH 020 EF | Gn/1O Bn/1O | 30BAY8002 | UVG48ACV | | 1635 | A 2 | H/W 354 |
| 30BAC00 XW28 | GEN 3 22kV BKR FAIL | TRIP NORMAL | 30BAY02 AA001 X36 001/008 | 30BYB01 XH 020 GH | W/1O Bk/1O | 30BAY8002 | UVG48ACV | | 1636 | A 2 | H/W 355 |
| 30MKA10 XW14 | GEN 3 LOSS OF FIELD STAGE 1 | ALARM NORMAL | 30BAY02 AA001 X23 002/009 | 30BYB01 XH 021 CD | Gy/2O Y/2O | 30BAY8002 | UVG48ACV | | 1637 | A 1 | H/W 356 |
| 30ACA10 GS101 XW28 | GEN 3 400kV BKR FAIL | TRIP NORMAL | 30BAY02 AA001 X37 001/008 | 30BYB01 XH 021 EF | Gn/2O Bn/2O | 30BAY8002 | UVG48ACV | | 1638 | A 2 | H/W 357 |
| 30BAC01 XW53 | GEN 3 22kV CT CHAMBER FANS | FAIL NORMAL | 30BAC01 AN002 X05 009/010 | 30BYB01 XH 002 AB | Be/1P R/1P | 30BAC8001 | UVG4ACV | | 1639 | A 1 | H/W 358 |
| 30ACA10 GS101 XW59 | GEN 3 400kV BKR POLE | DISCREP NORMAL | 30BAY02 AA001 X37 003/010 | 30BYB01 XH 022 AB | Be/3O R/3O | 30BAY8002 | UVG48ACV | | 1640 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30ACA10 GS201 XW59 | GEN 3 400kV PANTOGRAPH POLE | DISCREP NORMAL | 30BAY02 AA001 X37 005/012 | 30BYB01 XH 022 CD | Gy/3O Y/3O | 30BAY8002 | UVG48ACV | | 1641 | A 2 | H/W 360 |
| 30ACA10 GS101 XW78 | GEN 3 400kV BKR BUS ZONE | TRIP NORMAL | 30BAY02 AA001 X37 006/013 | 30BYB01 XH 022 EF | Gn/3O Bn/3O | 30BAY8002 | UVG48ACV | | 1642 | A 2 | H/W 361 |
| 30BAT10 XW34 | GEN TRFR 3 TAP CHG OVERCURRENT | TRIP NORMAL | 30BAY02 AA001 X38 001/008 | 30BYB01 XH 022 GH | W/3O Bk/3O | 30BAY8002 | UVG48ACV | | 1643 | A 2 | H/W 362 |
| 30BAT10 GT301 XW36 | GEN TRFR 3 TAP CHG MECH TIMER | ALARM NORMAL | 30BAY02 AA001 X38 002/009 | 30BYB01 XH 023 AB | Be/4O R/4O | 30BAY8002 | UVG48ACV | | 1644 | A 1 | H/W 363 |
| 30BAT10 XW93 | GEN TRFR 3 BUCH | TRIP NORMAL | 30BAY02 AA001 X38 005/012 | 30BYB01 XH 023 CD | Gy/4O Y/4O | 30BAY8002 | UVG48ACV | | 1645 | A 2 | H/W 364 |
| 30BAT10 XW94 | GEN TRFR 3 WINDING TEMP | TRIP NORMAL | 30BAY02 AAOO1 X38 006/013 | 30BYB01 XH 023 EF | Gn/4O Bn/4O | 30BAY8002 | UVG48ACV | | 1646 | A 2 | H/W 365 |
| 30BAT10 XW97 | GEN TRFR 3 PRD | TRIP NORMAL | 30BAY02 AA001 X38 007/014 | 30BYB01 XH 023 GH | W/4O Bk/4O | 30BAY8002 | UVG48ACV | | 1647 | A 2 | H/W 366 |
| 30BBT10 GT100 XW85 | UNIT TRFR 3A 11kV E/F STAGE 1 | TRIP NORMAL | 30BAY02 AA001 X39 002/009 | 30BYB01 XH 024 AB | Be/1V R/1V | 30BAY8002 | UVG48ACV | | 1648 | A 2 | H/W 367 |
| 30BBT10 GT200 XW95 | UNIT TRFR 3A 11kV E/F STAGE 2 | TRIP NORMAL | 30BAY02 AA001 X39 003/010 | 30BYB01 XH 024 CD | Gy/1V Y/1V | 30BAY8002 | UVG48ACV | | 1649 | A 2 | H/W 368 |
| 30BBT10 GT100 XW93 | UNIT TRFR 3A BUCH | TRIP NORMAL | 30BAY02 AA001 X39 004/011 | 30BYB01 XH 024 EF | Gn/1V Bn/1V | 30BAY8002 | UVG48ACV | | 1650 | A 2 | H/W 369 |
| 30BBT10 GT100 XW94 | UNIT TRFR 3A WINDING TEMP | TRIP NORMAL | 30BAY02 AA001 X39 005/012 | 30BYB01 XH 024 GH | W/1V Bk/1V | 30BAY8002 | UVG48ACV | | 1651 | A 2 | H/W 370 |
| 30BBT10 GT100 XW97 | UNIT TRFR 3A PRD | TRIP NORMAL | 30BAY02 AA001 X39 006/013 | 30BYB01 XH 025 AB | Be/2V R/2V | 30BAY8002 | UVG48ACV | | 1652 | A 2 | H/W 371 |
| 30BBT20 GT100 XW85 | UNIT TRFR 3B 22kV EARTH FAULT | TRIP NORMAL | 30BAY02 AA001 X40 001/008 | 30BYB01 XH 025 EF | Gn/2V Bn/2V | 30BAY8002 | UVG48ACV | | 1653 | A 2 | H/W 372 |
| 30BBT20 GT100 XW27 | UNIT TRFR 3B 11kV E/F STAGE 1 | TRIP NORMAL | 30BAY02 AA001 X40 002/009 | 30BYB01 XH 025 GH | W/2V Bk/2V | 30BAY8002 | UVG48ACV | | 1654 | A 2 | H/W 373 |
| 30BBT20 GT200 XW95 | UNIT TRFR 3B 11kV E/F STAGE 2 | TRIP NORMAL | 30BAY02 AA001 X40 003/010 | 30BYB01 XH 026 AB | Be/3V R/3V | 30BAY8002 | UVG48ACV | | 1655 | A 2 | H/W 374 |
| 30BBT20 GT100 XW93 | UNIT TRFR 3B BUCH | TRIP NORMAL | 30BAY02 AA001 X40 004/011 | 30BYB01 XH 026 CD | Gy/3V Y/3V | 30BAY8002 | UVG48ACV | | 1656 | A 2 | H/W 375 |
| 30BBT20 GT100 XW94 | UNIT TRFR 3B WINDING TEMP | TRIP NORMAL | 30BAY02 AA001 X40 005/012 | 30BYB01 XH 026 EF | Gn/3V Bn/3V | 30BAY8002 | UVG48ACV | | 1657 | A 2 | H/W 376 |
| 30BBT20 GT100 XW97 | UNIT TRFR 3B PRD | TRIP NORMAL | 30BAY02 AA001 X40 006/013 | 30BYB01 XH 026 GH | W/3V Bk/3V | 30BAY8002 | UVG48ACV | | 1658 | A 2 | H/W 377 |
| 30MKA10 EW002 XW39 | GEN 3 M2 EXCITATION TRIP DC | FAIL NORMAL | 30BAY02 AA001 X51 053/058 | 30BYB01 XH 027 CD | Gy/4V Y/4V | 30BAY8002 | UVG48ACV | | 1659 | A 1 | H/W 378 |
| 30MKA10 EW002 XW51 | GEN 3 M2 PROT CUB DC | FAIL NORMAL | 30BAY02 AA001 X51 047/048 | 30BYB01 XH 027 EF | Gn/4V Bn/4V | 30BAY8002 | UVG48ACV | | 1660 | A 1 | H/W 379 |
| 30BAT10 XW35 | GEN TRFR 3 COOLER | FAIL NORMAL | 30BAY13 DA001 X01 002/012 | 30BYB01 XH 028 AB | Be/1P R/1P | 30BAY8006 | UVG8ACV | | 1661 | A 1 | H/W 380 |
| 30BAT10 XW55 | GEN TRFR 3 BUCH | ALARM NORMAL | 30BAY13 DA001 X01 003/014 | 30BYB01 XH 028 CD | Gy/1P Y/1P | 30BAY8006 | UVG8ACV | | 1662 | A 1 | H/W 381 |
| 30BAT10 XW30 | GEN TRFR 3 TAP CHG OIL LEVEL | LOW NORMAL | 30BAY13 DA001 X01 006/017 | 30BYB01 XH 028 EF | Gn/1P Bn/1P | 30BAY8006 | UVG8ACV | | 1663 | A 1 | H/W 382 |
| 30BAT10 XW56 | GEN TRFR 3 WINDING TEMP | ALARM NORMAL | 30BAY13 DA001 X01 009/019 | 30BYB01 XH 029 AB | Be/2P R/2P | 30BAY8006 | UVG8ACV | | 1664 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30BAT10 XW57 | GEN TRFR 3 OIL TEMP | ALARM NORMAL | 30BAY13 DA001 X01 010/020 | 30BYB01 XH 029 CD | Gy/2P Y/2P | 30BAY8006 | UVG8ACV | | 1665 | A 1 | H/W 384 |
| 30BAC00 XW89 | GEN 3 22kV BKR CLOSE | UNHEALTH NORMAL | 30BAY30 AA001 X03 031/032 | 30BYB01 XH 030 AB | Be/1P R/1P | 30BAY8007 | UVG8ACV | | 1666 | A 1 | H/W 385 |
| 30BAC00 XW52 | GEN 3 22kV BKR TRIP | UNHEALTH NORMAL | 30BAY30 AA001 X03 033/034 | 30BYB01 XH 030 CD | Gy/1P Y/1P | 30BAY8007 | UVG8ACV | | 1667 | A 1 | H/W 386 |
| 30BAC00 XW46 | GEN 3 22kV BKR AIR FILLING | FAULT NORMAL | 30BAY30 AA001 X03 037/038 | 30BYB01 XH 030 EF | Gn/1P Bn/1P | 30BAY8007 | UVG8ACV | | 1668 | A 1 | H/W 387 |
| 30BAA00 XW98 | GEN 3 22kV TRFR DUCTING PRESSURE | LOW NORMAL | 30BAA00 GH002 X01 004/005 | 30BYB01 XH 001 AB | Be/1P R/1P | 30BAA8001 | UVG4ACV | | 1669 | A 1 | H/W 388 |
| 30BAC00 XW59 | GEN 3 22kV BKR POLE | DISCREP NORMAL | 30BAY30 AA001 X03 041/042 | 30BYB01 XH 031 AB | Be/2P R/2P | 30BAY8007 | UVG8ACV | | 1670 | A 2 | H/W 389 |
| 30BAC00 XW53 | GEN 3 22kV BKR 85 DEG CELCIUS | TRIP NORMAL | 30BAY02 AA001 X38 003/010 | 30BYB01 XH 032 GH | W/1P Bk/1P | 30BAY8008 | UVG8ACV | | 1671 | A 2 | H/W 390 |
| 30ACA10 GS101 XW42 | GEN 3 400kV BKR SYNCHRONISING | IN OPER COMPLETE | 30BAY03 AA001 X06 172/173 | 30BYB01 XH 034 AB | Be/1P R/1P | 30BAY8009 | UVG20ACV | | 1672 | A 3 | H/W 391 |
| 30BAC00 XW31 | GEN 3 22kV BKR REPEAT CONTACT | DISCREP NORMAL | 30BAY03 AA001 X06 217/218 | 30BYB01 XH 034 CD | Gy/1P Y/1P | 30BAY8009 | UVG20ACV | | 1673 | A 1 | H/W 392 |
| 30BAC00 XW42 | GEN 3 22kV BKR SYNCHRONISING | IN OPER COMPLETE | 30BAY03 AA001 X06 181/182 | 30BYB01 XH 034 EF | Gn/1P Bn/1P | 30BAY8009 | UVG20ACV | | 1674 | A 3 | H/W 393 |
| 30BAT10 GT300 XW36 | GEN TRFR 3 TAP CHG BUSWIRE TIMER | FAULT NORMAL | 30BAY03 AA001 X07 047/048 | 30BYB01 XH 034 GH | W/1P Bk/1P | 30BAY8009 | UVG20ACV | | 1675 | A 1 | H/W 394 |
| 30BAT10 XW48 | GEN TRFR 3 TAP CHANGE DC | FAIL NORMAL | 30BAY03 AA001 X10 002/012 | 30BYB01 XH 035 AB | Be/2P R/2P | 30BAY8009 | UVG20ACV | | 1676 | A 1 | H/W 395 |
| 30BAT10 XW50 | GEN TRFR 3 TAP CHG MOTOR RUNNING | FAULT NORMAL | 30BAY03 AA001 X07 041/042 | 30BYB01 XH 035 CD | Gy/2P Y/2P | 30BAY8009 | UVG20ACV | | 1677 | A 1 | H/W 396 |
| 30MKA10 XW37 | GEN 3 SYNC CIRCUITS DC | FAIL NORMAL | 30BAY03 AA001 X10 001/011 | 30BYB01 XH 035 EF | Gn/2P Bn/2P | 30BAY8009 | UVG20ACV | | 1678 | A 1 | H/W 397 |
| 30BAC00 XW51 | GEN 3 PROT SYNCH CUB DC SUPPLY | FAIL NORMAL | 30BAY03 AA001 X10 003/013 | 30BYB01 XH 035 GH | W/2P Bk/2P | 30BAY8009 | UVG20ACV | | 1679 | A 1 | H/W 398 |
| 30BAT10 XW69 | GEN TRFR 3 TAP CHG LOCKOUT | OPER NORMAL | 30BAY03 AA001 X07 053/054 | 30BYB01 XH 036 AB | Be/3P R/3P | 30BAY8009 | UVG20ACV | | 1680 | A 1 | H/W 399 |
| 30BBY01 XW53 | 11kV UNIT BD 3 BUS ZONE PROT | TRIP NORMAL | 30BBY01 AA001 X00 021/023 | 30BYB01 XH 039 AB | Be/1P R/1P | 30BBY8001 | UVG8ACV | | 1681 | A 2 | H/W 400 |
| 30BBY01 XW51 | 11kV UNIT BD 3 BUS ZONE DC | FAIL NORMAL | 30BBY01 AA001 X00 025/029 | 30BYB01 XH 039 CD | Gy/1P Y/1P | 30BBY8001 | UVG8ACV | | 1682 | A 1 | H/W 401 |
| 30BBY01 XW59 | 11kV UNIT BD 3 BUS ZONE DISCREP | ALARM NORMAL | 30BBY01 AA001 X00 031/033 | 30BYB01 XH 039 EF | Gn/1P Bn/1P | 30BBY8001 | UVG8ACV | | 1683 | A 1 | H/W 402 |
| 30BBY01 ES001 XW60 | 11kV UNIT BD 3 Z1 BUS ZONE PROT | ISOLATED NORMAL | 30BBY01 AA001 X00 035/037 | 30BYB01 XH 039 GH | W/1P Bk/1P | 30BBY8001 | UVG8ACV | | 1684 | A 1 | H/W 403 |
| 30BBY02 XW53 | 6 6kV SERV BD 3 BUS ZONE PROT | TRIP NORMAL | 30BBY02 AA001 X00 021/023 | 30BYB01 XH 041 AB | Be/1P R/1P | 30BBY8002 | UVG8ACV | | 1685 | A 2 | H/W 404 |
| 30BBY02 XW51 | 6 6kV SERV BD 3 BUS ZONE DC | FAIL NORMAL | 30BBY02 AA001 X00 025/029 | 30BYB01 XH 041 CD | Gy/1P Y/1P | 30BBY8002 | UVG8ACV | | 1686 | A 1 | H/W 405 |
| 30BBY02 XW59 | 6 6kV SERV BD 3 BUS ZONE DISCREP | ALARM NORMAL | 30BBY02 AA001 X00 031/033 | 30BYB01 XH 041 EF | Gn/1P Bn/1P | 30BBY8002 | UVG8ACV | | 1687 | A 1 | H/W 406 |
| 30BBY02 ES001 XW60 | 6 6kV SERV BD 3 Z1 BUS ZONE PROT | ISOLATED NORMAL | 30BBY02 AA001 X00 035/037 | 30BYB01 XH 041 GH | W/1P Bk/1P | 30BBY8002 | UVG8ACV | | 1688 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30BBT10 GT100 XW56 | UNIT TRFR 3A WINDING TEMP | ALARM NORMAL | 30BBY11 CA001 X02 009/020 | 30BYB01 XH 043 AB | Be/1P R/1P | 30BBY8003 | UVG8ACV | | 1689 | A 1 | H/W 408 |
| 30BBT10 GT100 XW57 | UNIT TRFR 3A OIL TEMP | ALARM NORMAL | 30BBY11 CA001 X02 010/021 | 30BYB01 XH 043 CD | Gy/1P Y/1P | 30BBY8003 | UVG8ACV | | 1690 | A 1 | H/W 409 |
| 30BBT10 GT100 XW55 | UNIT TRFR 3A BUCH | ALARM NORMAL | 30BBY11 CA001 X02 011/022 | 30BYB01 XH 043 EF | Gn/1P Bn/1P | 30BBY8003 | UVG8ACV | | 1691 | A 1 | H/W 410 |
| 30BBT10 GT100 XW35 | UNIT TRFR 3A COOLER | FAIL NORMAL | 30BBY11 CA001 X02 018/029 | 30BYB01 XH 043 GH | W/1P Bk/1P | 30BBY8003 | UVG8ACV | | 1692 | A 1 | H/W 411 |
| 30BBT10 GT100 XW96 | UNIT TRFR 3A OIL LEVEL | LOW NORMAL | 30BBY11 CA001 X02 015/026 | 30BYB01 XH 044 GH | W/2P Bk/2P | 30BBY8003 | UVG8ACV | | 1693 | A 1 | H/W 412 |
| 30BBT20 GT100 XW56 | UNIT TRFR 3B WINDING TEMP | ALARM NORMAL | 30BBY21 CA001 X02 009/020 | 30BYB01 XH 045 AB | Be/1P R/1P | 30BBY8004 | UVG8ACV | | 1694 | A 1 | H/W 413 |
| 30BBT20 GT100 XW57 | UNIT TRFR 3B OIL TEMP | ALARM NORMAL | 30BBY21 CA001 X02 010/021 | 30BYB01 XH 045 CD | Gy/1P Y/1P | 30BBY8004 | UVG8ACV | | 1695 | A 1 | H/W 414 |
| 30BBT20 GT100 XW55 | UNIT TRFR 3B BUCH | ALARM NORMAL | 30BBY21 CA001 X02 011/022 | 30BYB01 XH 045 EF | Gn/1P Bn/1P | 30BBY8004 | UVG8ACV | | 1696 | A 1 | H/W 415 |
| 30BBT20 GT100 XW35 | UNIT TRFR 3B COOLER | FAIL NORMAL | 30BBY21 CA001 X02 018/029 | 30BYB01 XH 045 GH | W/1P Bk/1P | 30BBY8004 | UVG8ACV | | 1697 | A 1 | H/W 416 |
| 30BBT20 GT100 XW96 | UNIT TRFR 3B OIL LEVEL | LOW NORMAL | 30BBY21 CA001 X02 015/026 | 30BYB01 XH 046 AB | Be/2P R/2P | 30BBY8004 | UVG8ACV | | 1698 | A 1 | H/W 417 |
| 30BFB00 XW51 | 380V UNIT STANDBY BD 3 DC | FAIL NORMAL | 30BFB01 AA001 X05 137/138 | 30BYB01 XH 047 AB | Be/1P R/1P | 30BFB8201 | UVG4ACV | | 1699 | A 1 | H/W 418 |
| 30BFB00 XW54 | 380V UNIT STANDBY BD 3 U/V | ALARM NORMAL | 30BFB01 AA001 X05 170/171 | 30BYB01 XH 047 CD | Gy/1P Y/1P | 30BFB8201 | UVG4ACV | I 21 4 | 1700 | A 1 | H/W 419 |
| 30MKA10 EW001 XW22 | GEN 3 M1 GROUP | TRIP NORMAL | 30BAY01 AA001 X24 007/014 | 30BYB01 XH 004 AB | Be/1P R/1P | 30BAY8001 | UVG48ACV | I 22 2 | 1701 | A 2 | H/W 420 |
| 30MKA10 AA001 XW53 | GEN 3 DIFF R PHASE | TRIP NORMAL | 30BAY01 AA001 X23 001/008 | 30BYB01 XH 004 CD | Gy/1P Y/1P | 30BAY8001 | UVG48ACV | | 1702 | A 2 | H/W 421 |
| 30MKA10 XW21 | GEN 3 POLE SLIP | TRIP NORMAL | 30BAY01 AA001 X32 002/009 | 30BYB01 XH 004 EF | Gn/1P Bn/1P | 30BAY8001 | UVG48ACV | | 1703 | A 1 | H/W 422 |
| 30MKA10 EW001 XW10 | GEN 3 M1 NEG PHASE SEQUENCE | ALARM NORMAL | 30BAY01 AA001 X32 003/010 | 30BYB01 XH 004 GH | W/1P Bk/1P | 30BAY8001 | UVG48ACV | | 1704 | A 1 | H/W 423 |
| 30BFF00 XW51 | 380V U3 FLY ASH BUNK BD DC | FAIL NORMAL | 30BFF01 AA001 X05 137/138 | 30BYB01 XH 053 AB | Be/1P R/1P | 30BFF8001 | UVG4ACV | | 1705 | A 1 | H/W 424 |
| 30BFF00 XW54 | 380V U3 FLY ASH BUNKER BD U/V | ALARM NORMAL | 30BFF01 AA001 X05 170/171 | 30BYB01 XH 053 CD | Gy/1P Y/1P | 30BFF8001 | UVG4ACV | I 21 5 | 1706 | A 1 | H/W 425 |
| 30MKA10 EW001 XW11 | GEN 3 M1 NEG PHASE SEQUENCE | TRIP NORMAL | 30BAY01 AA001 X32 004/011 | 30BYB01 XH 005 AB | Be/2P R/2P | 30BAY8001 | UVG48ACV | | 1707 | A 2 | H/W 426 |
| 30BLA00 XW51 | 380V UNIT LIGHTING BD 3 DC | FAIL NORMAL | 30BLA01 AA001 X05 137/138 | 30BYB01 XH 055 AB | Be/1P R/1P | 30BLA8001 | UVG4ACV | | 1708 | A 1 | H/W 427 |
| 30BLA00 XW54 | 380V UNIT LIGHTING BD 3 U/V | ALARM NORMAL | 30BLA01 AA001 X05 170/171 | 30BYB01 XH 055 CD | Gy/1P Y/1P | 30BLA8001 | UVG4ACV | I 21 6 | 1709 | A 1 | H/W 428 |
| 30MKA10 XW19 | GEN 3 UNDER FREQUENCY | TRIP NORMAL | 30BAY01 AA001 X33 001/008 | 30BYB01 XH 005 EF | Gn/2P Bn/2P | 30BAY8001 | UVG48ACV | | 1710 | A 2 | H/W 429 |
| 30BTL10 XW61 | 220V UNIT 3 BATTERY CHGR C | UNHEALTH NORMAL | 30BTL10 AA001 X02 025/026 | 30BYB01 XH 057 AB | Be/1P R/1P | 30BTL8001 | UVG4ACV | | 1711 | A 1 | H/W 430 |
| 30BMA12 XW51 | 380V U/DIESEL GEN BD 3 CUB12 DC | FAIL NORMAL | 30BMA12 AA001 X05 137/138 | 30BYB01 XH 058 AB | Be/1P R/1P | 30BMA8201 | UVG4ACV | | 1712 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30MKA10 AA002 XW53 | GEN 3 DIFF W PHASE | TRIP NORMAL | 30BAY01 AA001 X23 002/009 | 30BYB01 XH 006 EF | Gn/3P Bn/3P | 30BAY8001 | UVG48ACV | | 1713 | A 2 | H/W 432 |
| 30BMA13 XW51 | 380V U/DIESEL GEN BD 3 CUB13 DC | FAIL NORMAL | 30BMA13 AA001 X05 137/138 | 30BYB01 XH 059 AB | Be/1P R/1P | 30BMA8202 | UVG4ACV | | 1714 | A 1 | H/W 433 |
| 30BMA14 XW51 | 380V U/DIESEL GEN BD 3 CUB14 DC | FAIL NORMAL | 30BMA14 AA001 X05 137/138 | 30BYB01 XH 060 AB | Be/1P R/1P | 30BMA8203 | UVG4ACV | | 1715 | A 1 | H/W 434 |
| 30BMA15 XW51 | 380V U/DIESEL GEN BD 3 CUB15 DC | FAIL NORMAL | 30BMA15 AA001 X05 137/138 | 30BYB01 XH 061 AB | Be/1P R/1P | 30BMA8204 | UVG4ACV | | 1716 | A 1 | H/W 435 |
| 30BMB00 XW54 | 380V U3 LIGHTING ESSEN BD U/V | ALARM NORMAL | 30BMB01 AA001 X05 289/290 | 30BYB01 XH 062 AB | Be/1P R/1P | 30BMB8001 | UVG4ACV | I 22 0 | 1717 | A 1 | H/W 436 |
| 30XKA10 XW96 | UNIT 3 DIESEL GEN FUEL | LOW NORMAL | 30BMY02 AA001 X05 219/220 | 30BYB01 XH 063 AB | Be/1P R/1P | 30BMY8001 | UVG8ACV | | 1718 | A 1 | H/W 437 |
| 30BMA00 XW65 | UNIT 3 DIESEL GEN 380V SYSTEM | UNHEALTH NORMAL | 30BMY02 AA001 X05 225/226 | 30BYB01 XH 063 CD | Gy/1P Y/1P | 30BMY8001 | UVG8ACV | | 1719 | A 1 | H/W 438 |
| 30XKA10 XB01 | UNIT 3 DIESEL GEN | RUNNING STOPPED | 30BMY02 AA001 X05 193/194 | 30BYB01 XH 063 EF | Gn/1P Bn/1P | 30BMY8001 | UVG8ACV | | 1720 | A 3 | H/W 439 |
| 30XKA10 XW64 | UNIT 3 DIESEL GEN 3 3kV SYSTEM | UNHEALTH NORMAL | 30BMY02 AA001 X05 222/223 | 30BYB01 XH 063 GH | W/1P Bk/1P | 30BMY8001 | UVG8ACV | | 1721 | A 1 | H/W 440 |
| 30BTP10 XW61 | +24V UNIT 3 BATTERY CHGR A1 | UNHEALTH NORMAL | 30BTP10 AA001 X02 025/026 | 30BYB01 XH 065 AB | Be/1P R/1P | 30BTP8001 | UVG4ACV | | 1722 | A 1 | H/W 441 |
| 30BTP20 XW61 | -24V UNIT 3 BATTERY CHGR A2 | UNHEALTH NORMAL | 30BTP20 AA001 X02 025/026 | 30BYB01 XH 066 AB | Be/1P R/1P | 30BTP8002 | UVG4ACV | | 1723 | A 1 | H/W 442 |
| 30BTP30 XW61 | +24V UNIT 3 BATTERY CHGR B1 | UNHEALTH NORMAL | 30BTP30 AA001 X02 025/026 | 30BYB01 XH 067 AB | Be/1P R/1P | 30BTP8003 | UVG4ACV | | 1724 | A 1 | H/W 443 |
| 30BTP40 XW61 | -24V UNIT 3 BATTERY CHGR B2 | UNHEALTH NORMAL | 30BTP40 AA001 X02 025/026 | 30BYB01 XH 068 AB | Be/1P R/1P | 30BTP8004 | UVG4ACV | | 1725 | A 1 | H/W 444 |
| 30BYA01 XW20 | UNIT 3 MEAS PANEL SUPPLY | FAIL NORMAL | 30BYA01 AA001 X70 001/002 | 30BYB01 XW 001 AB | W Be | 30BYA8002 | TVH10BR | | 1726 | A 1 | H/W 445 |
| 30MKA10 EW001 XW17 | GEN 3 M1 REV POWER LONG TIME | TRIP NORMAL | 30BAY01 AA001 X36 001/008 | 30BYB01 XH 006 GH | W/3P Bk/3P | 30BAY8001 | UVG48ACV | | 1727 | A 2 | H/W 446 |
| 30MKA10 EW001 XW16 | GEN 3 M1 REV POWER SHORT TIME | TRIP NORMAL | 30BAY01 AA001 X36 002/009 | 30BYB01 XH 007 AB | Be/4P R/4P | 30BAY8001 | UVG48ACV | | 1728 | A 2 | H/W 447 |
| 30MKA10 XW76 | GEN 3 OVERVOLTAGE | TRIP NORMAL | 30BAY01 AA001 X36 005/012 | 30BYB01 XH 007 CD | Gy/4P Y/4P | 30BAY8001 | UVG48ACV | | 1729 | A 2 | H/W 448 |
| 30BAT10 GT100 XW12 | GEN TRFR 3 OVERFLUXING STAGE 1 | ALARM NORMAL | 30BAY01 AA001 X31 005/012 | 30BYB01 XH 007 EF | Gn/4P Bn/4P | 30BAY8001 | UVG48ACV | | 1730 | A 2 | H/W 449 |
| 30BFT13 XW58 | 11kV UNIT BD 3A CUB06 TRFR DC | FAIL NORMAL | 31BBA06 AA001 X03 061/062 | 30BYB01 XH 070 AB | Be/1P R/1P | 31BBA8015 | UVG4ACV | | 1731 | A 1 | H/W 450 |
| 30BFT11 XW58 | 11kV UNIT BD 3A CUB07 TRFR DC | FAIL NORMAL | 31BBA07 AA001 X03 061/062 | 30BYB01 XH 071 AB | Be/1P R/1P | 31BBA8016 | UVG4ACV | | 1732 | A 1 | H/W 451 |
| 30BFT31 XW58 | 11kV UNIT BD 3A CUB08 TRFR DC | FAIL NORMAL | 31BBA08 AA001 X03 061/062 | 30BYB01 XH 072 AB | Be/1P R/1P | 31BBA8017 | UVG4ACV | | 1733 | A 1 | H/W 452 |
| 31BBA01 XW51 | 11kV UNIT BD 3A CUB01 DC | FAIL NORMAL | 31BBA01 AA001 X03 020/019 | 30BYB01 XH 073 AB | Be/1P R/1P | 31BBA8201 | UVG4ACV | | 1734 | A 1 | H/W 453 |
| 31BBA01 XW52 | 11kV UNIT BD 3A CUB01 T/CCT | FAULT NORMAL | 31BBA01 AA001 X03 021/022 | 30BYB01 XH 073 CD | Gy/1P Y/1P | 31BBA8201 | UVG4ACV | | 1735 | A 1 | H/W 454 |
| 31BBA00 XW54 | 11kV UNIT BD 3A U/V | ALARM NORMAL | 31BBA01 AA001 X03 023/024 | 30BYB01 XH 073 EF | Gn/1P Bn/1P | 31BBA8201 | UVG4ACV | I 20 1 | 1736 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 32BBA00 XW54 | 11kV UNIT BD 3B U/V | ALARM NORMAL | 31BBA01 AA001 X03 025/026 | 30BYB01 XH 073 GH | W/1P Bk/1P | 31BBA8201 | UVG4ACV | I 20 2 | 1737 | A 1 | H/W 456 |
| 31BBA03 XW51 | 11kV UNIT BD 3A CUB03 DC | FAIL NORMAL | 31BBA03 AA001 X03 044/043 | 30BYB01 XH 074 AB | Be/1P R/1P | 31BBA8203 | UVG4ACV | | 1738 | A 1 | H/W 457 |
| 31BBA03 XW52 | 11kV UNIT BD 3A CUB03 T/CCT | FAULT NORMAL | 31BBA03 AA001 X03 045/046 | 30BYB01 XH 074 CD | Gy/1P Y/1P | 31BBA8203 | UVG4ACV | | 1739 | A 1 | H/W 458 |
| 31BBA03 XW53 | 11kV UNIT BD 3A CUB03 PROT | TRIP NORMAL | 31BBA03 AA001 X03 047/048 | 30BYB01 XH 074 EF | Gn/1P Bn/1P | 31BBA8203 | UVG4ACV | | 1740 | A 2 | H/W 459 |
| 31BBA05 XW51 | 11kV UNIT BD 3A CUB05 DC | FAIL NORMAL | 31BBA05 AA001 X03 027/028 | 30BYB01 XH 075 AB | Be/1P R/1P | 31BBA8205 | UVG8ACV | | 1741 | A 1 | H/W 460 |
| 31BBA05 XW52 | 11kV UNIT BD 3A CUB05 T/CCT | FAULT NORMAL | 31BBA05 AA001 X03 031/032 | 30BYB01 XH 075 CD | Gy/1P Y/1P | 31BBA8205 | UVG8ACV | | 1742 | A 1 | H/W 461 |
| 31BBA05 XW53 | 11kV UNIT BD 3A CUB05 PROT | TRIP NORMAL | 31BBA05 AA001 X03 029/030 | 30BYB01 XH 075 EF | Gn/1P Bn/1P | 31BBA8205 | UVG8ACV | | 1743 | A 2 | H/W 462 |
| 30BCT10 XW55 | 11kV UNIT BD 3A CUB05 BUCH | ALARM NORMAL | 31BBA05 AA001 X03 055/056 | 30BYB01 XH 075 GH | W/1P Bk/1P | 31BBA8205 | UVG8ACV | | 1744 | A 1 | H/W 463 |
| 30BCT10 XW57 | 11kV UNIT BD 3A CUB05 OIL TEMP | ALARM NORMAL | 31BBA05 AA001 X03 057/058 | 30BYB01 XH 076 AB | Be/2P R/2P | 31BBA8205 | UVG8ACV | | 1745 | A 1 | H/W 464 |
| 30BCT10 XW56 | 11kV UNIT BD 3A CUB05 WDG TEMP | ALARM NORMAL | 31BBA05 AA001 X03 059/060 | 30BYB01 XH 076 CD | Gy/2P Y/2P | 31BBA8205 | UVG8ACV | | 1746 | A 1 | H/W 465 |
| 30MKA10 AA003 XW53 | GEN 3 DIFF B PHASE | TRIP NORMAL | 30BAY01 AA001 X23 003/010 | 30BYB01 XH 008 CD | Gy/1O Y/1O | 30BAY8001 | UVG48ACV | | 1747 | A 2 | H/W 466 |
| 31BBA06 XW51 | 11kV UNIT BD 3A CUB06 DC | FAIL NORMAL | 31BBA06 AA001 X03 043/044 | 30BYB01 XH 077 AB | Be/1P R/1P | 31BBA8206 | UVG4ACV | | 1748 | A 1 | H/W 467 |
| 31BBA06 XW52 | 11kV UNIT BD 3A CUB06 T/CCT | FAULT NORMAL | 31BBA06 AA001 X03 045/046 | 30BYB01 XH 077 CD | Gy/1P Y/1P | 31BBA8206 | UVG4ACV | | 1749 | A 1 | H/W 468 |
| 31BBA06 XW53 | 11kV UNIT BD 3A CUB06 PROT | TRIP NORMAL | 31BBA06 AA001 X03 047/048 | 30BYB01 XH 077 EF | Gn/1P Bn/1P | 31BBA8206 | UVG4ACV | | 1750 | A 2 | H/W 469 |
| 30BFT13 XW56 | 11kV UNIT BD 3A CUB06 WDG TEMP | ALARM NORMAL | 31BBA06 AA001 X03 059/060 | 30BYB01 XH 077 GH | W/1P Bk/1P | 31BBA8206 | UVG4ACV | | 1751 | A 1 | H/W 470 |
| 31BBA07 XW51 | 11kV UNIT BD 3A CUB07 DC | FAIL NORMAL | 31BBA07 AA001 X03 043/044 | 30BYB01 XH 078 AB | Be/1P R/1P | 31BBA8207 | UVG4ACV | | 1752 | A 1 | H/W 471 |
| 31BBA07 XW52 | 11kV UNIT BD 3A CUB07 T/CCT | FAULT NORMAL | 31BBA07 AA001 X03 045/046 | 30BYB01 XH 078 CD | Gy/1P Y/1P | 31BBA8207 | UVG4ACV | | 1753 | A 1 | H/W 472 |
| 31BBA07 XW53 | 11kV UNIT BD 3A CUB07 PROT | TRIP NORMAL | 31BBA07 AA001 X03 047/048 | 30BYB01 XH 078 EF | Gn/1P Bn/1P | 31BBA8207 | UVG4ACV | | 1754 | A 2 | H/W 473 |
| 30BFT11 XW56 | 11kV UNIT BD 3A CUB07 WDG TEMP | ALARM NORMAL | 31BBA07 AA001 X03 059/060 | 30BYB01 XH 078 GH | W/1P Bk/1P | 31BBA8207 | UVG4ACV | | 1755 | A 1 | H/W 474 |
| 31BBA08 XW51 | 11kV UNIT BD 3A CUB08 DC | FAIL NORMAL | 31BBA08 AA001 X03 043/044 | 30BYB01 XH 079 AB | Be/1P R/1P | 31BBA8208 | UVG4ACV | | 1756 | A 1 | H/W 475 |
| 31BBA08 XW52 | 11kV UNIT BD 3A CUB08 T/CCT | FAULT NORMAL | 31BBA08 AA001 X03 045/046 | 30BYB01 XH 079 CD | Gy/1P Y/1P | 31BBA8208 | UVG4ACV | | 1757 | A 1 | H/W 476 |
| 31BBA08 XW53 | 11kV UNIT BD 3A CUB08 PROT | TRIP NORMAL | 31BBA08 AA001 X03 047/048 | 30BYB01 XH 079 EF | Gn/1P Bn/1P | 31BBA8208 | UVG4ACV | | 1758 | A 2 | H/W 477 |
| 30BFT31 XW56 | 11kV UNIT BD 3A CUB08 WDG TEMP | ALARM NORMAL | 31BBA08 AA001 X03 059/060 | 30BYB01 XH 079 GH | W/1P Bk/1P | 31BBA8208 | UVG4ACV | | 1759 | A 1 | H/W 478 |
| 31BBA09 XW51 | 11kV UNIT BD 3A CUB09 DC | FAIL NORMAL | 31BBA09 AA001 X03 043/044 | 30BYB01 XH 080 AB | Be/1P R/1P | 31BBA8209 | UVG8ACV | | 1760 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 31BBA09 XW52 | 11kV UNIT BD 3A CUB09 T/CCT | FAULT NORMAL | 31BBA09 AA001 X03 045/046 | 30BYB01 XH 080 CD | Gy/1P Y/1P | 31BBA8209 | UVG8ACV | | 1761 | A 1 | H/W 480 |
| 31BBA09 XW53 | 11kV UNIT BD 3A CUB09 PROT | TRIP NORMAL | 31BBA09 AA001 X03 047/048 | 30BYB01 XH 080 EF | Gn/1P Bn/1P | 31BBA8209 | UVG8ACV | | 1762 | A 2 | H/W 481 |
| 30BFT41 XW55 | 11kV UNIT BD 3A CUB09 BUCH | ALARM NORMAL | 31BBA09 AA001 X03 055/056 | 30BYB01 XH 080 GH | W/1P Bk/1P | 31BBA8209 | UVG8ACV | | 1763 | A 1 | H/W 482 |
| 30BFT41 XW57 | 11kV UNIT BD 3A CUB09 OIL TEMP | ALARM NORMAL | 31BBA09 AA001 X03 057/058 | 30BYB01 XH 081 AB | Be/2P R/2P | 31BBA8209 | UVG8ACV | | 1764 | A 1 | H/W 483 |
| 31BBA10 XW51 | 11kV UNIT BD 3A CUB10 DC | FAIL NORMAL | 31BBA10 AA001 X03 028/027 | 30BYB01 XH 082 AB | Be/1P R/1P | 31BBA8210 | UVG4ACV | | 1765 | A 1 | H/W 484 |
| 31BBA10 XW52 | 11kV UNIT BD 3A CUB10 T/CCT | FAULT NORMAL | 31BBA10 AA001 X03 031/032 | 30BYB01 XH 082 CD | Gy/1P Y/1P | 31BBA8210 | UVG4ACV | | 1766 | A 1 | H/W 485 |
| 31BBA10 XW53 | 11kV UNIT BD 3A CUB10 PROT | TRIP NORMAL | 31BBA10 AA001 X03 029/030 | 30BYB01 XH 082 EF | Gn/1P Bn/1P | 31BBA8210 | UVG4ACV | | 1767 | A 2 | H/W 486 |
| 31BBA12 XW51 | 11kV UNIT BD 3A CUB12 DC | FAIL NORMAL | 31BBA12 AA001 X03 043/044 | 30BYB01 XH 083 AB | Be/1P R/1P | 31BBA8212 | UVG4ACV | | 1768 | A 1 | H/W 487 |
| 31BBA12 XW52 | 11kV UNIT BD 3A CUB12 T/CCT | FAULT NORMAL | 31BBA12 AA001 X03 045/046 | 30BYB01 XH 083 CD | Gy/1P Y/1P | 31BBA8212 | UVG4ACV | | 1769 | A 1 | H/W 488 |
| 31BBA12 XW53 | 11kV UNIT BD 3A CUB12 PROT | TRIP NORMAL | 31BBA12 AA001 X03 047/048 | 30BYB01 XH 083 EF | Gn/1P Bn/1P | 31BBA8212 | UVG4ACV | | 1770 | A 2 | H/W 489 |
| 31BCA01 XW51 | 6 6kV SERV BD 3A CUB01 DC | FAIL NORMAL | 31BCA01 AA001 X03 020/019 | 30BYB01 XH 084 AB | Be/1P R/1P | 31BCA8201 | UVG4ACV | | 1771 | A 1 | H/W 490 |
| 31BCA01 XW52 | 6 6kV SERV BD 3A CUB01 T/CCT | FAULT NORMAL | 31BCA01 AA001 X03 021/022 | 30BYB01 XH 084 CD | Gy/1P Y/1P | 31BCA8201 | UVG4ACV | | 1772 | A 1 | H/W 491 |
| 31BCA00 XW54 | 6 6kV SERV BD 3A U/V | ALARM NORMAL | 31BCA01 AA001 X03 023/024 | 30BYB01 XH 084 EF | Gn/1P Bn/1P | 31BCA8201 | UVG4ACV | I 20 0 | 1773 | A 1 | H/W 492 |
| 32BCA00 XW54 | 6 6kV SERV BD 3B U/V | ALARM NORMAL | 31BCA01 AA001 X03 025/026 | 30BYB01 XH 084 GH | W/1P Bk/1P | 31BCA8201 | UVG4ACV | I 20 3 | 1774 | A 1 | H/W 493 |
| 31BCA02 XW51 | 6 6kV SERV BD 3A CUB02 DC | FAIL NORMAL | 31BCA02 AA001 X03 038/037 | 30BYB01 XH 085 AB | Be/1P R/1P | 31BCA8202 | UVG4ACV | | 1775 | A 1 | H/W 494 |
| 31BCA02 XW52 | 6 6kV SERV BD 3A CUB02 T/CCT | FAULT NORMAL | 31BCA02 AA001 X03 041/042 | 30BYB01 XH 085 CD | Gy/1P Y/1P | 31BCA8202 | UVG4ACV | | 1776 | A 1 | H/W 495 |
| 31BCA02 XW53 | 6 6kV SERV BD 3A CUB02 PROT | TRIP NORMAL | 31BCA02 AA001 X03 039/040 | 30BYB01 XH 085 EF | Gn/1P Bn/1P | 31BCA8202 | UVG4ACV | | 1777 | A 2 | H/W 496 |
| 30MKA10 EW200 XW20 | GEN 3 100% STATOR E/F SUPPLY | FAIL NORMAL | 30BAY01 AA001 X52 081/082 | 30BYB01 XH 012 EF | Gn/1V Bn/1V | 30BAY8001 | UVG48ACV | | 1778 | A 1 | H/W 497 |
| 30MKA10 EW002 XW17 | GEN 3 M2 REV POWER LONG TIME | TRIP NORMAL | 30BAY02 AA001 X32 001/008 | 30BYB01 XH 016 CD | Gy/1P Y/1P | 30BAY8002 | UVG48ACV | | 1779 | A 2 | H/W 498 |
| 31BFA00 XW54 | 380V UNIT BD 3A U/V | ALARM NORMAL | 31BFA20 AA001 X05 170/171 | 30BYB01 XH 087 CD | Gy/1P Y/1P | 31BFA8201 | UVG4ACV | I 20 4 | 1780 | A 1 | H/W 499 |
| 31BFA19 XW51 | 380V UNIT BD 3A DC | FAIL NORMAL | 31BFA19 AA001 X05 137/138 | 30BYB01 XH 088 AB | Be/1P R/1P | 31BFA8202 | UVG4ACV | | 1781 | A 1 | H/W 500 |
| 31BFC00 XW51 | 380V UNIT PRECIP BD 3 DC | FAIL NORMAL | 31BFC02 AA001 X05 137/138 | 30BYB01 XH 089 AB | Be/1P R/1P | 31BFC8035 | UVG4ACV | | 1782 | A 1 | H/W 501 |
| 30MKA10 EW002 XW16 | GEN 3 M2 REV POWER SHORT TIME | TRIP NORMAL | 30BAY02 AA001 X32 002/009 | 30BYB01 XH 016 EF | Gn/1P Bn/1P | 30BAY8002 | UVG48ACV | | 1783 | A 2 | H/W 502 |
| 31BFC00 XW54 | 380V UNIT PRECIP BD 3A U/V | ALARM NORMAL | 31BFC02 AA001 X05 170/171 | 30BYB01 XH 090 CD | Gy/1P Y/1P | 31BFC8036 | UVG4ACV | I 20 5 | 1784 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30MKA10 EW002 XW10 | GEN 3 M2 NEG PHASE SEQUENCE | ALARM NORMAL | 30BAY02 AA001 X32 003/010 | 30BYB01 XH 016 GH | W/1P Bk/1P | 30BAY8002 | UVG48ACV | | 1785 | A 1 | H/W 504 |
| 31BUA00 XW54 | 220V DC UNIT BD 3A SUPPLY | FAIL NORMAL | 31BUA01 AAOO1 X02 001/003 | 30BYB01 XH 091 CD | Gy/1P Y/1P | 31BUA8001 | UVG4ACV | | 1786 | A 1 | H/W 505 |
| 30MKA10 XW13 | GEN 3 BACK UP IMPEDANCE | TRIP NORMAL | 30BAY02 AA001 X32 006/013 | 30BYB01 XH 017 CD | Gy/2P Y/2P | 30BAY8002 | UVG48ACV | | 1787 | A 2 | H/W 506 |
| 30MKA10 XW18 | GEN 3 POWER PLANT DISCONNECTION | TRIP NORMAL | 30BAY02 AA001 X33 001/008 | 30BYB01 XH 017 EF | Gn/2P Bn/2P | 30BAY8002 | UVG48ACV | | 1788 | A 2 | H/W 507 |
| 30MKA10 EW102 XW85 | GEN 3 ROTOR E/F < 5 K OHM | TRIP NORMAL | 30BAY02 AA001 X33 003/010 | 30BYB01 XH 018 AB | Be/3P R/3P | 30BAY8002 | UVG48ACV | | 1789 | A 2 | H/W 508 |
| 30MKA10 XW15 | GEN 3 LOSS OF FIELD STAGE 2 | TRIP NORMAL | 30BAY02 AA001 X33 004/011 | 30BYB01 XH 018 CD | Gy/3P Y/3P | 30BAY8002 | UVG48ACV | | 1790 | A 2 | H/W 509 |
| 30BFT12 XW58 | 11kV UNIT BD 3B CUB06 TRFR DC | FAIL NORMAL | 32BBA06 AA001 X03 061/062 | 30BYB01 XH 093 AB | Be/1P R/1P | 32BBA8015 | UVG4ACV | | 1791 | A 1 | H/W 510 |
| 30BFT14 XW58 | 11kV UNIT BD 3B CUB07 TRFR DC | FAIL NORMAL | 32BBA07 AA001 X03 061/062 | 30BYB01 XH 094 AB | Be/1P R/1P | 32BBA8016 | UVG4ACV | | 1792 | A 1 | H/W 511 |
| 30BFT32 XW58 | 11kV UNIT BD 3B CUB08 TRFR DC | FAIL NORMAL | 32BBA08 AA001 X03 061/062 | 30BYB01 XH 095 AB | Be/1P R/1P | 32BBA8017 | UVG4ACV | | 1793 | A 1 | H/W 512 |
| 30BFT61 XW58 | 11kV UNIT BD 3B CUB10 TRFR DC | FAIL NORMAL | 32BBA10 AA001 X03 061/062 | 30BYB01 XH 096 AB | Be/1P R/1P | 32BBA8018 | UVG4ACV | | 1794 | A 1 | H/W 513 |
| 32BBA03 XW51 | 11kV UNIT BD 3B CUB03 DC | FAIL NORMAL | 32BBA03 AA001 X03 044/043 | 30BYB01 XH 097 AB | Be/1P R/1P | 32BBA8203 | UVG4ACV | | 1795 | A 1 | H/W 514 |
| 32BBA03 XW52 | 11kV UNIT BD 3B CUB03 T/CCT | FAULT NORMAL | 32BBA03 AA001 X03 045/046 | 30BYB01 XH 097 CD | Gy/1P Y/1P | 32BBA8203 | UVG4ACV | | 1796 | A 1 | H/W 515 |
| 32BBA03 XW53 | 11kV UNIT BD 3B CUB03 PROT | TRIP NORMAL | 32BBA03 AA001 X03 047/048 | 30BYB01 XH 097 EF | Gn/1P Bn/1P | 32BBA8203 | UVG4ACV | | 1797 | A 2 | H/W 516 |
| 32BBA05 XW51 | 11kV UNIT BD 3B CUB05 DC | FAIL NORMAL | 32BBA05 AA001 X03 027/028 | 30BYB01 XH 098 AB | Be/1P R/1P | 32BBA8205 | UVG8ACV | | 1798 | A 1 | H/W 517 |
| 32BBA05 XW52 | 11kV UNIT BD 3B CUB05 T/CCT | FAULT NORMAL | 32BBA05 AA001 X03 031/032 | 30BYB01 XH 098 CD | Gy/1P Y/1P | 32BBA8205 | UVG8ACV | | 1799 | A 1 | H/W 518 |
| 32BBA05 XW53 | 11kV UNIT BD 3B CUB05 PROT | TRIP NORMAL | 32BBA05 AA001 X03 029/030 | 30BYB01 XH 098 EF | Gn/1P Bn/1P | 32BBA8205 | UVG8ACV | | 1800 | A 2 | H/W 519 |
| 30BCT20 XW55 | 11kV UNIT BD 3B CUB05 BUCH | ALARM NORMAL | 32BBA05 AA001 X03 055/056 | 30BYB01 XH 098 GH | W/1P Bk/1P | 32BBA8205 | UVG8ACV | | 1801 | A 1 | H/W 520 |
| 30BCT20 XW57 | 11kV UNIT BD 3B CUB05 OIL TEMP | ALARM NORMAL | 32BBA05 AA001 X03 057/058 | 30BYB01 XH 099 AB | Be/2P R/2P | 32BBA8205 | UVG8ACV | | 1802 | A 1 | H/W 521 |
| 30BCT20 XW56 | 11kV UNIT BD 3B CUB05 WDG TEMP | ALARM NORMAL | 32BBA05 AA001 X03 059/060 | 30BYB01 XH 099 CD | Gy/2P Y/2P | 32BBA8205 | UVG8ACV | | 1803 | A 1 | H/W 522 |
| 30MKA10 XW38 | GEN 3 OVERFLUXING STAGE 1 | TRIP NORMAL | 30BAY02 AA001 X33 006/013 | 30BYB01 XH 018 GH | W/3P Bk/3P | 30BAY8002 | UVG48ACV | | 1804 | A 2 | H/W 523 |
| 32BBA06 XW51 | 11kV UNIT BD 3B CUB06 DC | FAIL NORMAL | 32BBA06 AA001 X03 043/044 | 30BYB01 XH 100 AB | Be/1P R/1P | 32BBA8206 | UVG4ACV | | 1805 | A 1 | H/W 524 |
| 32BBA06 XW52 | 11kV UNIT BD 3B CUB06 T/CCT | FAULT NORMAL | 32BBA06 AA001 X03 045/046 | 30BYB01 XH 100 CD | Gy/1P Y/1P | 32BBA8206 | UVG4ACV | | 1806 | A 1 | H/W 525 |
| 32BBA06 XW53 | 11kV UNIT BD 3B CUB06 PROT | TRIP NORMAL | 32BBA06 AA001 X03 047/048 | 30BYB01 XH 100 EF | Gn/1P Bn/1P | 32BBA8206 | UVG4ACV | | 1807 | A 2 | H/W 526 |
| 30BFT12 XW56 | 11kV UNIT BD 3B CUB06 WDG TEMP | ALARM NORMAL | 32BBA06 AA001 X03 059/060 | 30BYB01 XH 100 GH | W/1P Bk/1P | 32BBA8206 | UVG4ACV | | 1808 | A 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 32BBA07 | XW51 | 11kV UNIT BD 3B CUB07 DC | FAIL NORMAL | 32BBA07 AA001 X03 043/044 | 30BYB01 XH 101 AB | Be/1P R/1P | 32BBA8207 | UVG4ACV | | 1809 | A 1 | H/W 528 |
| 32BBA07 | XW52 | 11kV UNIT BD 3B CUB07 T/CCT | FAULT NORMAL | 32BBA07 AA001 X03 045/046 | 30BYB01 XH 101 CD | Gy/1P Y/1P | 32BBA8207 | UVG4ACV | | 1810 | A 1 | H/W 529 |
| 32BBA07 | XW53 | 11kV UNIT BD 3B CUB07 PROT | TRIP NORMAL | 32BBA07 AA001 X03 047/048 | 30BYB01 XH 101 EF | Gn/1P Bn/1P | 32BBA8207 | UVG4ACV | | 1811 | A 2 | H/W 530 |
| 30BFT14 | XW56 | 11kV UNIT BD 3B CUB07 WDG TEMP | ALARM NORMAL | 33BBA07 AA001 X03 059/060 | 30BYB01 XH 101 GH | W/1P Bk/1P | 32BBA8207 | UVG4ACV | | 1812 | A 1 | H/W 531 |
| 32BBA08 | XW51 | 11kV UNIT BD 3B CUB08 DC | FAIL NORMAL | 32BBA08 AA001 X03 043/044 | 30BYB01 XH 102 AB | Be R/1P | 32BBA8208 | UVG4ACV | | 1813 | A 1 | H/W 532 |
| 32BBA08 | XW52 | 11kV UNIT BD 3B CUB08 T/CCT | FAULT NORMAL | 32BBA08 AA001 X03 045/046 | 30BYB01 XH 102 CD | Gy/1P Y/1P | 32BBA8208 | UVG4ACV | | 1814 | A 1 | H/W 533 |
| 32BBA08 | XW53 | 11kV UNIT BD 3B CUB08 PROT | TRIP NORMAL | 32BBA08 AA001 X03 047/048 | 30BYB01 XH 102 EF | Gn/1P Bn/1P | 32BBA8208 | UVG4ACV | | 1815 | A 2 | H/W 534 |
| 30BFT32 | XW56 | 11kV UNIT BD 3B CUB08 WDG TEMP | ALARM NORMAL | 32BBA08 AA001 X03 059/060 | 30BYB01 XH 102 GH | W/1P Bk/1P | 32BBA8208 | UVG4ACV | | 1816 | A 1 | H/W 535 |
| 32BBA09 | XW51 | 11kV UNIT BD 3B CUB09 DC | FAIL NORMAL | 32BBA09 AA001 X03 043/044 | 30BYB01 XH 103 AB | Be/1P R/1P | 32BBA8209 | UVG8ACV | | 1817 | A 1 | H/W 536 |
| 32BBA09 | XW52 | 11kV UNIT BD 3B CUB09 T/CCT | FAULT NORMAL | 32BBA09 AA001 X03 045/046 | 30BYB01 XH 103 CD | Gy/1P Y/1P | 32BBA8209 | UVG8ACV | | 1818 | A 1 | H/W 537 |
| 32BBA09 | XW53 | 11kV UNIT BD 3B CUB09 PROT | TRIP NORMAL | 32BBA09 AA001 X03 047/048 | 30BYB01 XH 103 EF | Gn/1P Bn/1P | 32BBA8209 | UVG8ACV | | 1819 | A 2 | H/W 538 |
| 30BFT42 | XW55 | 11kV UNIT BD 3B CUB09 BUCH | ALARM NORMAL | 32BBA09 AA001 X03 055/056 | 30BYB01 XH 103 GH | W/1P Bk/1P | 32BBA8209 | UVG8ACV | | 1820 | A 1 | H/W 539 |
| 30BFT42 | XW57 | 11kV UNIT BD 3B CUB09 OIL TEMP | ALARM NORMAL | 32BBA09 AA001 X03 057/058 | 30BYB01 XH 104 AB | Be/2P R/2P | 32BBA8209 | UVG8ACV | | 1821 | A 1 | H/W 540 |
| 32BBA10 | XW51 | 11kV UNIT BD 3B CUB10 DC | FAIL NORMAL | 32BBA10 AA001 X03 043/044 | 30BYB01 XH 105 AB | Be/1P R/1P | 32BBA8210 | UVG4ACV | | 1822 | A 1 | H/W 541 |
| 32BBA10 | XW52 | 11kV UNIT BD 3B CUB10 T/CCT | FAULT NORMAL | 32BBA10 AA001 X03 045/046 | 30BYB01 XH 105 CD | Gy/1P Y/1P | 32BBA8210 | UVG4ACV | | 1823 | A 1 | H/W 542 |
| 32BBA10 | XW53 | 11kV UNIT BD 3B CUB10 PROT | TRIP NORMAL | 32BBA10 AA001 X03 047/048 | 30BYB01 XH 105 EF | Gn/1P Bn/1P | 32BBA8210 | UVG4ACV | | 1824 | A 2 | H/W 543 |
| 30BFT61 | XW56 | 11kV UNIT BD 3B CUB10 WDG TEMP | ALARM NORMAL | 32BBA10 AA001 X03 059/060 | 30BYB01 XH 105 GH | W/1P Bk/1P | 32BBA8210 | UVG4ACV | | 1825 | A 1 | H/W 544 |
| 32BBA11 | XW51 | 11kV UNIT BD 3B CUB11 DC | FAIL NORMAL | 32BBA11 AA001 X03 043/044 | 30BYB01 XH 106 AB | Be/1P R/1P | 32BBA8211 | UVG8ACV | | 1826 | A 1 | H/W 545 |
| 32BBA11 | XW52 | 11kV UNIT BD 3B CUB11 T/CCT | FAULT NORMAL | 32BBA11 AA001 X03 045/046 | 30BYB01 XH 106 CD | Gy/1P Y/1P | 32BBA8211 | UVG8ACV | | 1827 | A 1 | H/W 546 |
| 32BBA11 | XW53 | 11kV UNIT BD 3B CUB11 PROT | TRIP NORMAL | 32BBA11 AA001 X03 047/048 | 30BYB01 XH 106 EF | Gn/1P Bn/1P | 32BBA8211 | UVG8ACV | | 1828 | A 2 | H/W 547 |
| 30BFT71 | XW55 | 11kV UNIT BD 3B CUB11 BUCH | ALARM NORMAL | 32BBA11 AA001 X03 055/056 | 30BYB01 XH 106 GH | W/1P Bk/1P | 32BBA8211 | UVG8ACV | | 1829 | A 1 | H/W 548 |
| 30BFT71 | XW57 | 11kV UNIT BD 3B CUB11 OIL TEMP | ALARM NORMAL | 32BBA11 AA001 X03 057/058 | 30BYB01 XH 107 AB | Be/2P R/2P | 32BBA8211 | UVG8ACV | | 1830 | A 1 | H/W 549 |
| 32BBA12 | XW51 | 11kV UNIT BD 3B CUB12 DC | FAIL NORMAL | 32BBA12 AA001 X03 043/044 | 30BYB01 XH 108 AB | Be/1P R/1P | 32BBA8212 | UVG4ACV | | 1831 | A 1 | H/W 550 |
| 32BBA12 | XW52 | 11kV UNIT BD 3B CUB12 T/CCT | FAULT NORMAL | 32BBA12 AA001 X03 045/046 | 30BYB01 XH 108 CD | Gy/1P Y/1P | 32BBA8212 | UVG4ACV | | 1832 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 32BBA12 XW53 | 11kV UNIT BD 3B CUB12 PROT | TRIP NORMAL | 32BBA12 AA001 X03 047/048 | 30BYB01 XH 108 EF | Gn/1P Bn/1P | 32BBA8212 | UVG4ACV | | 1833 | A 2 | H/W 552 |
| 32BCA01 XW51 | 6 6kV SERV BD 3B CUB01 DC | FAIL NORMAL | 32BCA01 AA001 X03 038/037 | 30BYB01 XH 109 AB | Be/1P R/1P | 32BCA8201 | UVG4ACV | | 1834 | A 1 | H/W 553 |
| 32BCA01 XW52 | 6 6kV SERV BD 3B CUB01 T/CCT | FAULT NORMAL | 32BCA01 AA001 X03 041/042 | 30BYB01 XH 109 CD | Gy/1P Y/1P | 32BCA8201 | UVG4ACV | | 1835 | A 1 | H/W 554 |
| 32BCA01 XW53 | 6 6kV SERV BD 3B CUB01 PROT | TRIP NORMAL | 32BCA01 AA001 X03 039/040 | 30BYB01 XH 109 EF | Gn/1P Bn/1P | 32BCA8201 | UVG4ACV | | 1836 | A 2 | H/W 555 |
| 30MKA10 EW201 XW85 | GEN 3 90% STATOR E/F | TRIP NORMAL | 30BAY02 AA001 X33 007/014 | 30BYB01 XH 019 AB | Be/4P R/4P | 30BAY8002 | UVG48ACV | | 1837 | A 2 | H/W 556 |
| 30MKA10 XW33 | GEN 3 OVERFLUXING STAGE 2 | TRIP NORMAL | 30BAY02 AA001 X33 005/012 | 30BYB01 XH 019 CD | Gy/4P Y/4P | 30BAY8002 | UVG48ACV | | 1838 | A 2 | H/W 557 |
| 32BFA00 XW54 | 380V UNIT BD 3B U/V | ALARM NORMAL | 32BFA18 AA001 X05 170/171 | 30BYB01 XH 111 CD | Gy/1P Y/1P | 32BFA8201 | UVG4ACV | I 20 6 | 1839 | A 1 | H/W 558 |
| 32BFA17 XW51 | 380V UNIT BD 3B DC | FAIL NORMAL | 31BFA17 AA001 X05 137/138 | 30BYB01 XH 112 AB | Be/1P R/1P | 32BFA8202 | UVG4ACV | | 1840 | A 1 | H/W 559 |
| 30BAY04 XW71 | GEN 3 LOCAL CONTROL PANEL | ENABLED NORMAL | 30BAY04 AA001 X05 090/091 | 30BYB01 XH 003 AB | Be/1P R/1P | 30BAY8011 | UVG4ACV | | 1841 | A 3 | H/W 560 |
| 32BFC00 XW54 | 380V UNIT PRECIP BD 3B U/V | ALARM NORMAL | 32BFC02 AA001 X05 170/171 | 30BYB01 XH 113 CD | Gy/1P Y/1P | 32BFC8035 | UVG4ACV | I 20 7 | 1842 | A 1 | H/W 561 |
| 32BUD01 XW51 | 24V DC UNIT BD 3B SUPPLY | FAIL NORMAL | 32BUD01 AA001 X02 001/003 | 30BYB01 XH 092 AB | Be/1P R/1P | 32BUD8001 | UVG4ACV | | 1843 | A 1 | H/W 562 |
| 32BUA00 XW54 | 220V DC UNIT BD 3B SUPPLY | FAIL NORMAL | 32BUA01 AA001 X02 001/003 | 30BYB01 XH 114 CD | Gy/1P Y/1P | 32BUA8001 | UVG4ACV | | 1844 | A 1 | H/W 563 |
| 30BAT10 GT100 XW96 | GEN TRFR 3 OIL LEVEL | LOW NORMAL | 30BAY13 AA001 X01 007/018 | 30BYB01 XH 028 GH | W/1P Bk/1P | 30BAY8006 | UVG8ACV | | 1845 | A 1 | H/W 564 |
| 33BFA00 XW54 | 380V UNIT BD 3C U/V | ALARM NORMAL | 33BFA20 AA001 X05 170/171 | 30BYB01 XH 115 CD | Gy/1P Y/1P | 33BFA8001 | UVG4ACV | I 21 0 | 1846 | A 1 | H/W 565 |
| 30MKA10 EW100 XW65 | GEN 3 ROTOR E/F PROTECTION | UNHEALTH NORMAL | 30BAY02 AA001 X34 006/013 | 30BYB01 XH 032 EF | Gn/1P Bn/1P | 30BAY8008 | UVG8ACV | | 1847 | A 1 | H/W 566 |
| 33BFA19 XW51 | 380V UNIT BD 3C DC | FAIL NORMAL | 33BFA19 AA001 X05 137/138 | 30BYB01 XH 116 AB | Be/1P R/1P | 33BFA8002 | UVG4ACV | | 1848 | A 1 | H/W 567 |
| 33BUA00 XW54 | 220V DC UNIT BD 3C SUPPLY | FAIL NORMAL | 33BUA01 AA001 X02 001/003 | 30BYB01 XH 118 AB | Be/1P R/1P | 33BUA8001 | UVG4ACV | | 1849 | A 1 | H/W 568 |
| 33BUA00 XW27 | 220V DC UNIT BD 3C EARTH | FAULT NORMAL | 33BUA01 AA001 X02 004/005 | 30BYB01 XH 118 CD | Gy/1P Y/1P | 33BUA8001 | UVG4ACV | | 1850 | A 1 | H/W 569 |
| 30CJN03 XW24 | GEN 3 FIELD BREAKER | TRIP NORMAL | 30BAY02 AA001 X35 007/014 | 30BYB01 XH 033 AB | Be/2P R/2P | 30BAY8008 | UVG8ACV | | 1851 | A 2 | H/W 570 |
| 34BFA00 XW54 | 380V UNIT BD 3D U/V | ALARM NORMAL | 34BFA18 AA001 X05 170/171 | 30BYB01 XH 119 CD | Gy/1P Y/1P | 34BFA8001 | UVG4ACV | I 21 2 | 1852 | A 1 | H/W 571 |
| 34BFA17 XW51 | 380V UNIT BD 3D DC | FAIL NORMAL | 34BFA17 AA001 X05 137/138 | 30BYB01 XH 120 AB | Be/1P R/1P | 34BFA8002 | UVG4ACV | | 1853 | A 1 | H/W 572 |
| 34BFC00 XW54 | 380V U/DUST HAND BD 3B U/V | ALARM NORMAL | 34BFC01 AA001 X05 170/171 | 30BYB01 XH 121 AB | Be/1P R/1P | 34BFC8001 | UVG4ACV | I 21 3 | 1854 | A 1 | H/W 573 |
| 33BFC00 XW54 | 380V U/DUST HAND BD 3A U/V | ALARM NORMAL | 33BFC02 AA001 X05 170/171 | 30BYB01 XH 122 AB | Be/1P R/1P | 33BFC8001 | UVG4ACV | I 21 1 | 1855 | A 1 | H/W 574 |
| 30BTX51 XW58 | UNIT 3 24V PLC POWER PACK | UNHEALTH NORMAL | 30BTX51 AA001 X02 014/015 | 30BYB01 XH 123 AB | Be/1P R/1P | 30BTX8001 | UVG4ACV | | 1856 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 32BUA00 XW27 | 220V DC UNIT BD 3B EARTH (ELDEC) | UNHEALTH NORMAL | 32BUA01 AA001 X02 004/005 | 30BYB01 XH 114 AB | Be/1P R/1P | 32BUA8001 | UVG4ACV | | 1857 | A 1 | H/W 576 |
| 30BBY01 ES002 XW60 | 11kV UNIT BD 3 Z2 BUS ZONE PROT | ISOLATED NORMAL | 30BBY01 AA001 X00 039/041 | 30BYB01 XH 040 AB | Be/2P R/2P | 30BBY8001 | UVG8ACV | | 1858 | A 1 | H/W 577 |
| 30BBY02 ES002 XW60 | 6 6kV SERV BD 3 Z2 BUS ZONE PROT | ISOLATED NORMAL | 30BBY02 AA001 X00 039/041 | 30BYB01 XH 042 AB | Be/2P R/2P | 30BBY8002 | UVG8ACV | | 1859 | A 3 | H/W 578 |
| 30BBT10 GT200 XW57 | UNIT TRFR 3A 11kV E/R OIL TEMP | ALARM NORMAL | 30BBY11 AA001 X02 014/024 | 30BYB01 XH 044 CD | Gy/2P Y/2P | 30BBY8003 | UVG8ACV | | 1860 | A 1 | H/W 579 |
| 30BBT20 GT200 XW57 | UNIT TRFR 3B 11kV E/R OIL TEMP | ALARM NORMAL | 30BBY21 AA001 X02 014/024 | 30BYB01 XH 046 CD | Gy/2P Y/2P | 30BBY8004 | UVG8ACV | | 1861 | A 1 | H/W 580 |
| 30BMY00 XW64 | UNIT 3 DIESEL GEN ALARM PANEL | ACTIVE NORMAL | 30BMY02 AA001 X05 234/235 | 30BYB01 XH 064 AB | Be/2P R/2P | 30BMY8001 | UVG8ACV | | 1862 | A 1 | H/W 581 |
| 33BFC00 XW51 | 380V U/DUST HAND BD 3 DC | FAIL NORMAL | 33BFC02 AA001 XO5 137/138 | 30BYB01 XH 122 CD | Gy/1P Y/1P | 33BFC8001 | UVG4ACV | | 1863 | A 1 | H/W 582 |
| 30BBA00 EH001 XW51 | 11kV UNIT BD 3 220V DC SUPPLY | FAIL NORMAL | 31BBA01 AA001 X03 027/028 | 30BYB01 XH 069 AB | Be/1P R/1P | 31BBA8002 | UVG4ACV | | 1864 | A 1 | H/W 583 |
| 31BBA00 XW51 | 11kV UNIT BD 3A EFP's DC | FAIL NORMAL | 31BBA02 AA001 X03 043/044 | 30BYB01 XH 048 AB | Be/1P R/1P | 31BBA8202 | UVG4ACV | | 1865 | A 1 | H/W 584 |
| 31BBA00 XW52 | 11kV UNIT BD 3A EFP's T/CCT | FAULT NORMAL | 31BBA02 AA001 X03 045/046 | 30BYB01 XH 048 CD | Gy/1P Y/1P | 31BBA8202 | UVG4ACV | | 1866 | A 1 | H/W 585 |
| 31BBA00 XW53 | 11kV UNIT BD 3A EFP's PROT | TRIP NORMAL | 31BBA02 AA001 X03 047/048 | 30BYB01 XH 048 EF | Gn/1P Bn/1P | 31BBA8202 | UVG4ACV | | 1867 | A 2 | H/W 586 |
| 31BCA00 EH001 XW51 | 6 6kV SERV BD 3 220V DC SUPPLY | FAIL NORMAL | 31BCA01 AA001 X03 027/028 | 30BYB01 XH 052 AB | Be/1P R/1P | 31BCA8002 | UVG4ACV | | 1868 | A 1 | H/W 587 |
| 31BCA00 XW51 | 6 6kV SERV BD 3A MTR CCT's DC | FAIL NORMAL | 31BCA03 AA001 X03 033/034 | 30BYB01 XH 050 AB | Be/1P R/1P | 31BCA8203 | UVG4ACV | | 1869 | A 1 | H/W 588 |
| 31BCA00 XW52 | 6 6kV SERV BD 3A MTR CCT's T/CCT | FAULT NORMAL | 31BCA03 AA001 X03 035/036 | 30BYB01 XH 050 CD | Gy/1P Y/1P | 31BCA8203 | UVG4ACV | | 1870 | A 1 | H/W 589 |
| 31BCA00 XW53 | 6 6kV SERV BD 3A MTR CCT's PROT | TRIP NORMAL | 31BCA03 AA001 X03 039/040 | 30BYB01 XH 050 EF | Gn/1P Bn/1P | 31BCA8203 | UVG4ACV | | 1871 | A 2 | H/W 590 |
| 30BFL00 XW54 | 380V U/AIRCON BD 3 PHASE FAIL | ALARM NORMAL | 33BFL01 AA001 X05 001/002 | 30BYB01 XH 054 AB | Be/1P R/1P | 31BFL8001 | UVG4ACV | | 1872 | A 1 | H/W 591 |
| 31BUD01 XW51 | 24V DC UNIT BD 3A SUPPLY | FAIL NORMAL | 31BUD01 AA001 X02 001/003 | 30BYB01 XH 056 AB | Be/1P R/1P | 31BUD8001 | UVG4ACV | | 1873 | A 1 | H/W 592 |
| 32BCA00 XW51 | 6 6kV SERV BD 3B MTR CCT's DC | FAIL NORMAL | 32BCA02 AA001 X03 033/034 | 30BYB01 XH 124 AB | Be/1P R/1P | 32BCA8003 | UVG4ACV | | 1874 | A 1 | H/W 593 |
| 32BCA00 XW52 | 6 6kV SERV BD 3B MTR CCT's T/CCT | FAULT NORMAL | 32BCA02 AA001 X03 035/036 | 30BYB01 XH 124 CD | Gy/1P Y/1P | 32BCA8003 | UVG4ACV | | 1875 | A 1 | H/W 594 |
| 32BCA00 XW53 | 6 6kV SERV BD 3B MTR CCT's PROT | TRIP NORMAL | 32BCA02 AA001 X03 039/040 | 30BYB01 XH 124 EF | Gn/1P Bn/1P | 32BCA8003 | UVG4ACV | | 1876 | A 2 | H/W 595 |
| 30BMA00 XW54 | 380V U/DIESEL GEN BD 3 U/V | ALARM NORMAL | 30BMY02 AA001 X05 237/238 | 30BYB01 XH 064 CD | Gy/2P Y/2P | 30BMY8001 | UVG8ACV | I 22 1 | 1877 | A 1 | H/W 596 |
| | UNIT 3 SPARE (ALARM NUMBER 1877) | | | | | | | | 1878 | E 3 | H/W 597 |
| | UNIT 3 SPARE (ALARM NUMBER 1878) | | | | | | | | 1879 | E 3 | H/W 598 |
| 32BBA00 XW51 | 11kV UNIT BD 3B EFP's DC | FAIL NORMAL | 32BBA01 AA001 X03 043/044 | 30BYB01 XH 110 AB | Be/1P R/1P | 32BBA8202 | UVG4ACV | | 1880 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 32BBA00 XW52 | 11kV UNIT BD 3B EFP's T/CCT | FAULT NORMAL | 32BBA01 AA001 X03 045/046 | 30BYB01 XH 110 CD | Gy/1P Y/1P | 32BBA8202 | UVG4ACV | | 1881 | A 1 | H/W 600 |
| 32BBA00 XW53 | 11kV UNIT BD 3B EFP's PROT | TRIP NORMAL | 32BBA01 AA001 X03 047/048 | 30BYB01 XH 110 EF | Gn/1P Bn/1P | 32BBA8202 | UVG4ACV | | 1882 | A 2 | H/W 601 |
| 30BAC00 XW35 | GEN 3 22kV BKR COOLING FANS | UNHEALTH NORMAL | 30BAY30 AA001 X03 052/053 | 30BYB01 XH 030 GH | W/1P Bk/1P | 30BAY8007 | UVG8ACV | | 1883 | A 1 | H/W 602 |
| | UNIT 3 SPARE (ALARM NUMBER 1884) | | | | | | | | 1884 | E 3 | H/W 603 |
| 31BUA00 XW27 | 220V DC UNIT BD 3A EARTH (ELDEC) | UNHEALTH NORMAL | 31BUA01 AA001 X01 004/005 | 30BYB01 XH 091 AB | Be/1P R/1P | 21BUA8001 | UVG4ACV | | 1885 | A 1 | H/W 604 |
| | UNIT 3 SPARE (ALARM NUMBER 1886) | | | | | | | | 1886 | E 3 | H/W 605 |
| | UNIT 3 SPARE (ALARM NUMBER 1887) | | | | | | | | 1887 | E 3 | H/W 606 |
| 30BAY04 XW35 | GEN 3 FAULT RECORDER | UNHEALTH NORMAL | 30BAY04 AA001 X04 014/015 | 30BYB01 XH 003 CD | Gy/1P Y/1P | 30BAY8011 | UVG4ACV | | 1888 | A 1 | H/W 607 |
| | UNIT 3 SPARE (ALARM NUMBER 1889) | | | | | | | | 1889 | E 3 | |
| | UNIT 3 SPARE (ALARM NUMBER 1890) | | | | | | | | 1890 | E 3 | |
| | UNIT 3 SPARE (ALARM NUMBER 1891) | | | | | | | | 1891 | E 3 | |
| | UNIT 3 SPARE (ALARM NUMBER 1892) | | | | | | | | 1892 | E 3 | |
| | UNIT 3 SPARE (ALARM NUMBER 1893) | | | | | | | | 1893 | E 3 | |
| | UNIT 3 SPARE (ALARM NUMBER 1894) | | | | | | | | 1894 | E 3 | |
| | UNIT 3 SPARE (ALARM NUMBER 1895) | | | | | | | | 1895 | E 3 | |
| | UNIT 3 SPARE (ALARM NUMBER 1896) | | | | | | | | 1896 | E 3 | |
| | UNIT 3 SPARE (ALARM NUMBER 1897) | | | | | | | | 1897 | E 3 | |
| | UNIT 3 SPARE (ALARM NUMBER 1898) | | | | | | | | 1898 | E 3 | |
| | UNIT 3 SPARE (ALARM NUMBER 1899) | | | | | | | | 1899 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1900) | | | | | | | | 1900 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1901) | | | | | | | | 1901 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1902) | | | | | | | | 1902 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1903) | | | | | | | | 1903 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1904) | | | | | | | | 1904 | 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 1905) | | | | | | | | 1905 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1906) | | | | | | | | 1906 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1907) | | | | | | | | 1907 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1908) | | | | | | | | 1908 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1909) | | | | | | | | 1909 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1910) | | | | | | | | 1910 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1911) | | | | | | | | 1911 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1912) | | | | | | | | 1912 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1913) | | | | | | | | 1913 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1914) | | | | | | | | 1914 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1915) | | | | | | | | 1915 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1916) | | | | | | | | 1916 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1917) | | | | | | | | 1917 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1918) | | | | | | | | 1918 | E 3 | |
| | UNIT SPARE (ALARM NUMBER 1919) | | | | | | | | 1919 | E 3 | |
| 30BYD01 EW001 YB91 | TIME PULSE ON EVERY MINUTE | | | | | | | Q 10 5 | | Q | |
| 30BYD01 EW003 YB91 | TIME PULSE ON EVERY DAY | | | | | | | Q 10 3 | | Q | |
| 30BYD01 EW002 YB91 | TIME PULSE ON EVERY HOUR | | | | | | | Q 10 6 | | Q | |
| 30ACA10 GS201 YB92 | GEN 3 400kV ISOLATOR 1 | CLOSE | 30BAY03 AA001 X04 023/024 | 30BYD01 XB 001 AB | Be/1P R/1P | 30BAY8003 | UVG20ACV | Q 4 0 | | E 3 | |
| 30ACA10 GS201 YB91 | GEN 3 400kV ISOLATOR 1 | OPEN | 30BAY03 AA001 X04 021/022 | 30BYD01 XB 001 CD | Gy/1P Y/1P | 30BAY8003 | UVG20ACV | Q 4 1 | | E 3 | |
| 30ACA10 GS401 YB92 | GEN 3 400kV ISOLATOR 2 | CLOSE | 30BAY03 AA001 X04 027/028 | 30BYD01 XB 001 EF | Gn/1P Bn/1P | 30BAY8003 | UVG20ACV | Q 4 2 | | E 3 | |
| 30ACA10 GS401 YB91 | GEN 3 400kV ISOLATOR 2 | OPEN | 30BAY03 AA001 X04 025/026 | 30BYD01 XB 001 GH | W/1P Bk/1P | 30BAY8003 | UVG20ACV | Q 4 3 | | E 3 | |
| 30ACA10 GS101 YB92 | GEN 3 400kV BREAKER | CLOSE | 30BAY03 AA001 X04 029/030 | 30BYD01 XB 002 AB | Be/2P R/2P | 30BAY8003 | UVG20ACV | Q 4 4 | | E 3 | |
| 30ACA10 GS101 YB91 | GEN 3 400kV BREAKER | OPEN | 30BAY03 AA001 X04 031/032 | 30BYD01 XB 002 CD | Gy/2P Y/2P | 30BAY8003 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30CJN00 GS001 YB92 | GEN 3 FIELD BREAKER TRIP | DISABLE | 30BAY03 AA001 X04 002/001 | 30BYD01 XB 003 AB | Be/3P R/3P | 30BAY8003 | UVG20ACV | Q 11 0 | | | |
| 30BAC00 YB92 | GEN 3 22kV BREAKER | CLOSE | 30BAY03 AA001 X04 004/003 | 30BYD01 XB 003 CD | Gy/3P Y/3P | 30BAY8003 | UVG20ACV | Q 11 1 | | Q | |
| 30BAT10 YB93 | GEN TRFR 3 TAP CHANGE | RAISE | 30BAY03 AA001 X07 033/034 | 30BYD01 XB 004 CD | Gy/4P Y/4P | 30BAY8003 | UVG20ACV | Q 4 6 | | E 3 | |
| 30BAT10 YB94 | GEN TRFR 3 TAP CHANGE | LOWER | 30BAY03 AA001 X07 031/032 | 30BYD01 XB 004 EF | Gn/4P Bn/4P | 30BAY8003 | UVG20ACV | Q 4 7 | | E 3 | |
| 30BAT10 XB60 | GEN TRFR 3 TAP CHANGER (1) | | 30BAY12 DA001 X01 030/021 | 30BYD01 XB 006 AB | Be/1P R/1P | 30BAY8005 | UVG8ACV | I 8 0 | | ES 3 | |
| 30BAT10 XB61 | GEN TRFR 3 TAP CHN POSITION (2) | | 30BAY12 DA001 X01 028/029 | 30BYD01 XB 006 CD | Gy/1P Y/1P | 30BAY8005 | UVG8ACV | I 8 1 | | ES 3 | |
| 30BAT10 XB62 | GEN TRFR 3 TAP CHN POSITION (4) | | 30BAY12 DA001 X01 026/027 | 30BYD01 XB 006 EF | Gn/1P Bn/1P | 30BAY8005 | UVG8ACV | I 8 2 | | ES 3 | |
| 30BAT10 XB63 | GEN TRFR 3 TAP CHN POSITION (8) | | 30BAY12 DA001 X01 024/025 | 30BYD01 XB 006 GH | W/1P Bk/1P | 30BAY8005 | UVG8ACV | I 8 3 | | ES 3 | |
| 30BAT10 XB64 | GEN TRFR 3 TAP CHN POSITION (10) | | 30BAY12 DA001 X01 022/023 | 30BYD01 XB 007 AB | Be/2P R/2P | 30BAY8005 | UVG8ACV | I 8 4 | | ES 3 | |
| 31BBA01 YB92 | 11kV UNIT BD 3A CUB01 BKR | CLOSE | 31BBA01 AA001 X02 023/024 | 30BYD01 XB 022 AB | Be/1P R/1P | 31BBA8001 | UVG8ACV | Q 5 0 | | Q | |
| 31BBA01 YB91 | 11kV UNIT BD 3A CUB01 BKR | OPEN | 31BBA01 AA001 X02 025/026 | 30BYD01 XB 022 CD | Gy/1P Y/1P | 31BBA8001 | UVG8ACV | Q 5 1 | | Q | |
| 31BBA03 YB92 | 11kV UNIT BD 3A CUB03 BKR | CLOSE | 31BBA03 AA001 X02 042/043 | 30BYD01 XB 024 AB | Be/1P R/1P | 31BBA8004 | UVG8ACV | Q 5 2 | | Q | |
| 31BBA03 YB91 | 11kV UNIT BD 3A CUB03 BKR | OPEN | 31BBA03 AA001 X02 044/045 | 30BYD01 XB 024 CD | Gy/1P Y/1P | 31BBA8004 | UVG8ACV | Q 5 3 | | Q | |
| 31BBA09 YB92 | 11kV UNIT BD 3A CUB09 BKR | CLOSE | 31BBA09 AA001 X02 042/043 | 30BYD01 XB 026 AB | Be/1P R/1P | 31BBA8005 | UVG4ACV | Q 5 4 | | Q | |
| 31BBA09 YB91 | 11kV UNIT BD 3A CUB09 BKR | OPEN | 31BBA09 AA001 X02 044/045 | 30BYD01 XB 026 CD | Gy/1P Y/1P | 31BBA8005 | UVG4ACV | Q 5 5 | | Q | |
| 31BBA10 YB92 | 11kV UNIT BD 3A CUB10 BKR | CLOSE | 31BBA10 AA001 X02 035/036 | 30BYD01 XB 027 AB | Be/1P R/1P | 31BBA8006 | UVG8ACV | Q 5 6 | | Q | |
| 31BBA10 YB91 | 11kV UNIT BD 3A CUB10 BKR | OPEN | 31BBA10 AA001 X02 037/038 | 30BYD01 XB 027 CD | Gy/1P Y/1P | 31BBA8006 | UVG8ACV | Q 5 7 | | Q | |
| 31BBA12 YB92 | 11kV UNIT BD 3A CUB12 BKR | CLOSE | 31BBA12 AA001 X02 042/043 | 30BYD01 XB 029 AB | Be/1P R/1P | 31BBA8007 | UVG4ACV | Q 6 0 | | Q | |
| 31BBA12 YB91 | 11kV UNIT BD 3A CUB12 BKR | OPEN | 31BBA12 AA001 X02 044/045 | 30BYD01 XB 029 CD | Gy/1P Y/1P | 31BBA8007 | UVG4ACV | Q 6 1 | | Q | |
| 31BBA05 YB92 | 11kV UNIT BD 3A CUB05 BKR | CLOSE | 31BBA05 AA001 X02 033/034 | 30BYD01 XB 031 AB | Be/1P R/1P | 31BBA8008 | UVG4ACV | Q 6 2 | | Q | |
| 31BBA05 YB91 | 11kV UNIT BD 3A CUB05 BKR | OPEN | 31BBA05 AA001 X02 035/036 | 30BYD01 XB 031 CD | Gy/1P Y/1P | 31BBA8008 | UVG4ACV | Q 6 3 | | Q | |
| 31BBA06 YB92 | 11kV UNIT BD 3A CUB06 BKR | CLOSE | 31BBA06 AA001 X02 042/043 | 30BYD01 XB 033 AB | Be/1P R/1P | 31BBA8009 | UVG4ACV | Q 6 4 | | Q | |
| 31BBA06 YB91 | 11kV UNIT BD 3A CUB06 BKR | OPEN | 31BBA06 AA001 X02 044/045 | 30BYD01 XB 033 CD | Gy/1P Y/1P | 31BBA8009 | UVG4ACV | Q 6 5 | | Q | |
| 31BBA07 YB92 | 11kV UNIT BD 3A CUB07 BKR | CLOSE | 31BBA07 AA001 X02 042/043 | 30BYD01 XB 034 AB | Be/1P R/1P | 31BBA8010 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31BBA07 | YB91 | 11kV UNIT BD 3A CUB07 BKR | OPEN | 31BBA07 AA001 X02 044/045 | 30BYD01 XB 034 CD | Gy/1P Y/1P | 31BBA8010 | UVG4ACV | Q 67 | | Q | |
| 31BBA08 | YB92 | 11kV UNIT BD 3A CUB08 BKR | CLOSE | 31BBA08 AA001 X02 042/043 | 30BYD01 XB 036 AB | Be/1P R/1P | 31BBA8011 | UVG4ACV | Q 70 | | Q | |
| 31BBA08 | YB91 | 11kV UNIT BD 3A CUB08 BKR | OPEN | 31BBA08 AA001 X02 044/045 | 30BYD01 XB 036 CD | Gy/1P Y/1P | 31BBA8011 | UVG4ACV | Q 71 | | Q | |
| 31BCA01 | YB92 | 6 6kV SERV BD 3A CUB01 BKR | CLOSE | 31BCA01 AA001 X02 023/024 | 30BYD01 XB 037 AB | Be/1P R/1P | 31BCA8001 | UVG8ACV | Q 72 | | Q | |
| 31BCA01 | YB91 | 6 6kV SERV BD 3A CUB01 BKR | OPEN | 31BCA01 AA001 X02 025/026 | 30BYD01 XB 037 CD | Gy/1P Y/1P | 31BCA8001 | UVG8ACV | Q 73 | | Q | |
| 31BCA02 | YB92 | 6 6kV SERV BD 3A CUB02 BKR | CLOSE | 31BCA02 AA001 X02 042/043 | 30BYD01 XB 039 AB | Be/1P R/1P | 31BCA8003 | UVG8ACV | Q 74 | | Q | |
| 31BCA02 | YB91 | 6 6kV SERV BD 3A CUB02 BKR | OPEN | 31BCA02 AA001 X02 044/045 | 30BYD01 XB 039 CD | Gy/1P Y/1P | 31BCA8003 | UVG8ACV | Q 75 | | Q | |
| 32BBA03 | YB92 | 11kV UNIT BD 3B CUB03 BKR | CLOSE | 32BBA03 AA001 X02 042/043 | 30BYD01 XB 044 AB | Be/1P R/1P | 32BBA8003 | UVG8ACV | Q 76 | | Q | |
| 32BBA03 | YB91 | 11kV UNIT BD 3B CUB03 BKR | OPEN | 32BBA03 AA001 X02 044/045 | 30BYD01 XB 044 CD | Gy/1P Y/1P | 32BBA8003 | UVG8ACV | Q 77 | | Q | |
| 32BBA05 | YB92 | 11kV UNIT BD 3B CUB05 BKR | CLOSE | 32BBA05 AA001 X02 033/034 | 30BYD01 XB 046 AB | Be/1P R/1P | 32BBA8004 | UVG4ACV | Q 80 | | Q | |
| 32BBA05 | YB91 | 11kV UNIT BD 3B CUB05 BKR | OPEN | 32BBA05 AA001 X02 035/036 | 30BYD01 XB 046 CD | Gy/1P Y/1P | 32BBA8004 | UVG4ACV | Q 81 | | Q | |
| 32BBA06 | YB92 | 11kV UNIT BD 3B CUB06 BKR | CLOSE | 33BBA06 AA001 X02 042/043 | 30BYD01 XB 047 AB | Be/1P R/1P | 32BBA8005 | UVG4ACV | Q 82 | | Q | |
| 32BBA06 | YB91 | 11kV UNIT BD 3B CUB06 BKR | OPEN | 32BBA06 AA001 X02 044/045 | 30BYD01 XB 047 CD | Gy/1P Y/1P | 32BBA8005 | UVG4ACV | Q 83 | | Q | |
| 32BBA07 | YB92 | 11kV UNIT BD 3B CUB07 BKR | CLOSE | 32BBA07 AA001 X02 042/043 | 30BYD01 XB 049 AB | Be/1P R/1P | 32BBA8006 | UVG4ACV | Q 84 | | Q | |
| 32BBA07 | YB91 | 11kV UNIT BD 3B CUB07 BKR | OPEN | 32BBA07 AA001 X02 044/045 | 30BYD01 XB 049 CD | Gy/1P Y/1P | 32BBA8006 | UVG4ACV | Q 85 | | Q | |
| 32BBA08 | YB92 | 11kV UNIT BD 3B CUB08 BKR | CLOSE | 32BBA08 AA001 X02 042/043 | 30BYD01 XB 050 AB | Be/1P R/1P | 32BBA8007 | UVG4ACV | Q 86 | | Q | |
| 32BBA08 | YB91 | 11kV UNIT BD 3B CUB08 BKR | OPEN | 32BBA08 AA001 X02 044/045 | 30BYD01 XB 050 CD | Gy/1P Y/1P | 33BBA8007 | UVG4ACV | Q 87 | | Q | |
| 32BBA09 | YB92 | 11kV UNIT BD 3B CUB09 BKR | CLOSE | 32BBA09 AA001 X02 042/043 | 30BYD01 XB 051 AB | Be/1P R/1P | 32BBA8008 | UVG4ACV | Q 90 | | Q | |
| 32BBA09 | YB91 | 11kV UNIT BD 3B CUB09 BKR | OPEN | 32BBA09 AA001 X02 044/045 | 30BYD01 XB 051 CD | Gy/1P Y/1P | 32BBA8008 | UVG4ACV | Q 91 | | Q | |
| 32BBA10 | YB92 | 11kV UNIT BD 3B CUB10 BKR | CLOSE | 32BBA10 AA001 X02 042/043 | 30BYD01 XB 052 AB | Be/1P R/1P | 32BBA8009 | UVG4ACV | Q 92 | | Q | |
| 32BBA10 | YB91 | 11kV UNIT BD 3B CUB10 BKR | OPEN | 32BBA10 AA001 X02 044/045 | 30BYD01 XB 052 CD | Gy/1P Y/1P | 32BBA8009 | UVG4ACV | Q 93 | | Q | |
| 32BBA11 | YB92 | 11kV UNIT BD 3B CUB11 BKR | CLOSE | 32BBA11 AA001 X02 042/043 | 30BYD01 XB 053 AB | Be/1P R/1P | 32BBA8010 | UVG4ACV | Q 94 | | Q | |
| 32BBA11 | YB91 | 11kV UNIT BD 3B CUB11 BKR | OPEN | 32BBA11 AA001 X02 044/045 | 30BYD01 XB 053 CD | Gy/1P Y/1P | 32BBA8010 | UVG4ACV | Q 95 | | Q | |
| 32BBA12 | YB92 | 11kV UNIT BD 3B CUB12 BKR | CLOSE | 32BBA12 AA001 X02 042/043 | 30BYD01 XB 054 AB | Be/1P R/1P | 32BBA8011 | UVG4ACV | Q 96 | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 32BBA12 YB91 | 11kV UNIT BD 3B CUB12 BKR | OPEN | 32BBA12 AA001 X02 044/045 | 30BYD01 XB 054 CD | Gy/1P Y/1P | 32BBA8011 | UVG4ACV | Q 9 7 | | Q | |
| 32BCA01 YB92 | 6 6kV SERV BD 3B CUB01 BKR | CLOSE | 32BCA01 AA001 X02 042/043 | 30BYD01 XB 055 AB | Be/1P R/1P | 32BCA8001 | UVG8ACV | Q 10 0 | | Q | |
| 32BCA01 YB91 | 6 6kV SERV BD 3B CUB01 BKR | OPEN | 32BCA01 AA001 X02 044/045 | 30BYD01 XB 055 CD | Gy/1P Y/1P | 32BCA8001 | UVG8ACV | Q 10 1 | | Q | |
| 30MKA10 YB92 | GEN 3 SYNCHRONISED ROOF LIGHT | SYNCH | 30BLA03 CA001 X07 001/002 | 30BYD01 XB 065 AB | Be/1P R/1P | 30BLA8002 | UVG4ACV | Q 10 4 | | E 3 | |
| 30CJN00 GS001 YB91 | GEN 3 FIELD BREAKER CLOSE | RELEASE | 30CJN03 WA002 060/061 | 30BYD01 XB 075 AB | Be/1P R/1P | 30BAY8012 | UVG8ACV | Q 11 2 | | | |
| 30CJN00 YB92 | GEN 3 FIELD BREAKER | CLOSE | 30CJN03 WA002 068/069 | 30BYD01 XB 075 CD | Gy/1P Y/1P | 30BAY8012 | UVG8ACV | Q 11 3 | | Q | |
| 30CJN00 XB51 | GEN 3 F/BKR CLOSE FROM GAS/TURB | INLOCK | 30CJN03 WA002 064/065 | 30BYD01 XB 076 CD | Gy/2P Y/2P | 30BAY8012 | UVG8ACV | I 18 5 | | | |
| 31BBA00 XQ54 | 11kV UNIT BD 3A BB VOLTS | 0-5mA 0-11kV | 31BBA01 AA001 X02 013/014 | 30BYD01 XE 002 AB | Be/1P R/1P | 31BBA8012 | UVG4ACV | PW 166 | | Q | |
| 32BBA00 XQ54 | 11kV UNIT BD 3B BB VOLTS | 0-5mA 0-11kV | 31BBA01 AA001 X02 015/016 | 30BYD01 XE 002 CD | Gy/1P Y/1P | 31BBA8012 | UVG4ACV | PW 168 | | Q | |
| 31BBA03 XQ52 | 11kV UNIT BD 3A CUB03 AMPS | 0-5mA 0-4000A | 31BBA03 AA001 X02 022/023 | 30BYD01 XE 003 AB | Be/1P R/1P | 31BBA8014 | UVG4ACV | PW 170 | | Q | |
| 31BBA10 XQ52 | 11kV UNIT BD 3A CUB10 AMPS | 0-5mA 0-2000A | 31BBA10 AA001 X02 015/016 | 30BYD01 XE 004 AB | Be/1P R/1P | 31BBA8018 | UVG4ACV | PW 172 | | Q | |
| 31BCA00 XQ54 | 6 6kV SERV BD 3A BB VOLTS | 0-5mA 0-6 6kV | 31BCA01 AA001 X02 013/014 | 30BYD01 XE 005 AB | Be/1P R/1P | 31BCA8004 | UVG4ACV | PW 174 | | Q | |
| 32BCA00 XQ54 | 6 6kV SERV BD 3B BB VOLTS | 0-5mA 0-6 6kV | 31BCA01 AA001 X02 015/016 | 30BYD01 XE 005 CD | Gy/1P Y/1P | 31BCA8004 | UVG4ACV | PW 176 | | Q | |
| 31BCA02 XQ52 | 6 6kV SERV BD 3A CUB02 AMPS | 0-5mA 0-2500A | 31BCA02 AA001 X02 020/021 | 30BYD01 XE 006 AB | Be/1P R/1P | 31BCA8005 | UVG4ACV | PW 178 | | Q | |
| 32BBA03 XQ52 | 11kV UNIT BD 3B CUB03 AMPS | 0-5mA 0-4000A | 32BBA03 AA001 X02 022/023 | 30BYD01 XE 007 AB | Be/1P R/1P | 32BBA8013 | UVG4ACV | PW 180 | | Q | |
| 32BCA01 XQ52 | 6 6kV SERV BD 3B CUB01 AMPS | 0-5mA 0-2500A | 32BCA01 AA001 X02 020/021 | 30BYD01 XE 008 AB | Be/1P R/1P | 32BCA8002 | UVG4ACV | PW 182 | | Q | |
| 30MKA10 XQ55 | GEN 3 MW | 0-5mA 0-880MW | 30BYA01 AA001 X51 001/002 | 30BYD01 XW 001 AB | W Be | 30BYA8001 | TVH20BR | PW 132 | | Q | |
| 30MKA10 XQ56 | GEN 3 MVAR | 0-5mA 0-440MVr | 30BYA01 AA001 X51 007/008 | 30BYD01 XW 001 CD | W O | 30BYA8001 | TVH20BR | PW 134 | | Q | |
| 30MKA10 XQ51 | GEN 3 RED PHASE AMPS | 0-5mA 0-22kA | 30BYA01 AA001 X51 015/016 | 30BYD01 XW 001 EF | W Gn | 30BYA8001 | TVH20BR | PW 136 | | Q | |
| 30MKA10 XQ52 | GEN 3 WHITE PHASE AMPS | 0-5mA 0-22kA | 30BYA01 AA001 X51 019/020 | 30BYD01 XW 001 GH | W Bn | 30BYA8001 | TVH20BR | PW 138 | | Q | |
| 30MKA10 XQ53 | GEN 3 BLUE PHASE AMPS | 0-5mA 0-22kA | 30BYA01 AA001 X51 025/026 | 30BYD01 XW 001 IK | W Gy | 30BYA8001 | TVH20BR | PW 140 | | Q | |
| 30MKA10 XQ62 | GEN 3 VOLTS | 0-5mA 0-22kV | 30BYA01 AA001 X51 029/030 | 30BYD01 XW 002 AB | R Be | 30BYA8001 | TVH20BR | PW 142 | | Q | |
| 30MKA10 XQ54 | GEN 3 FREQUENCY | 0-5mA 45-55Hz | 30BYA01 AA001 X51 037/038 | 30BYD01 XW 002 CD | R O | 30BYA8001 | TVH20BR | PW 144 | | Q | |
| 30MKA10 XQ61 | GEN 3 POWER FACTOR | 0-5mA 0-1-0 | 30BYA01 AA001 X51 041/042 | 30BYD01 XW 002 EF | R Gn | 30BYA8001 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 30BBT10 GT100 XQ55 | UNIT TRFR 3A HV SIDE MW | 0-5mA 0-80MW | 30BYA01 AA001 X59 001/002 | 30BYD01 XW 002 GH | R Bn | 30BYA8001 | TVH20BR | PW 148 | | Q | |
| 30BBT10 GT100 XQ56 | UNIT TRFR 3A HV SIDE MVAR | 0-5mA 0-40MVAr | 30BYA01 AA001 X59 003/004 | 30BYD01 XW 002 IK | R Gy | 30BYA8001 | TVH20BR | PW 150 | | Q | |
| 30BBT10 GT100 XQ52 | UNIT TRFR 3A HV SIDE AMPS | 0-5mA 0-2000A | 30BYA01 AA001 X59 007/008 | 30BYD01 XW 003 AB | Bk Be | 30BYA8001 | TVH20BR | PW 152 | | Q | |
| 30BBT10 GT100 XQ54 | UNIT TRFR 3A & B HV SIDE VOLTS | 0-5mA 0-22kV | 30BYA01 AA001 X59 013/014 | 30BYD01 XW 003 CD | Bk O | 30BYA8001 | TVH20BR | PW 154 | | Q | |
| 30BBT20 GT100 XQ55 | UNIT TRFR 3B HV SIDE MW | 0-5mA 0-80MW | 30BYA01 AA001 X59 017/018 | 30BYD01 XW 003 EF | Bk Gn | 30BYA8001 | TVH20BR | PW 156 | | Q | |
| 30BBT20 GT100 XQ56 | UNIT TRFR 3B HV SIDE MVAR | 0-5mA 0-40MVAr | 30BYA01 AA001 X59 019/020 | 30BYD01 XW 003 GH | Bk Bn | 30BYA8001 | TVH20BR | PW 158 | | Q | |
| 30BBT20 GT100 XQ52 | UNIT TRFR 3B HV SIDE AMPS | 0-5mA 0-2000A | 30BYA01 AA001 X59 023/024 | 30BYD01 XW 003 IK | Bk Gy | 30BYA8001 | TVH20BR | PW 160 | | Q | |
| 30BDE01 XQ55 | 3 3kV U/DIESEL GEN 3 kW | 0-5mA 0-1,5MW | 30BYA01 AA001 X58 001/002 | 30BYD01 XW 004 AB | Y Be | 30BYA8001 | TVH20BR | PW 162 | | Q | |
| 30BDE01 XQ56 | 3 3kV U/DIESEL GEN 3 kVAR | 0-5mA 750KVAr | 30BYA01 AA001 X58 003/004 | 30BYD01 XW 004 CD | Y O | 30BYA8001 | TVH20BR | PW 164 | | Q | |
| 30BDE01 XQ52 | 3 3kV U/DIESEL GEN3 LV SIDE AMPS | 0-5mA 0-2 5kA | 30BYA01 AA001 X58 005/006 | 30BYD01 XW 004 EF | Y Gn | 30BYA8001 | TVH20BR | PW 128 | | Q | |
| 30BMA00 XQ54 | 380V U/DIESEL GEN BD 3 BB VOLTS | 0-5mA 0-400V | 30BYA01 AA001 X58 007/008 | 30BYD01 XW 004 GH | Y Bn | 30BYA8001 | TVH20BR | PW 130 | | Q | |
| 30BBA10 XQ55 | UNIT 3 LOOP SUPPLY MW | 0-5mA 0-40MW | 30BYA01 AA001 X60 001/002 | 30BYD01 XW 004 IK | Y Gy | 30BYA8001 | TVH20BR | PW 184 | | Q | |