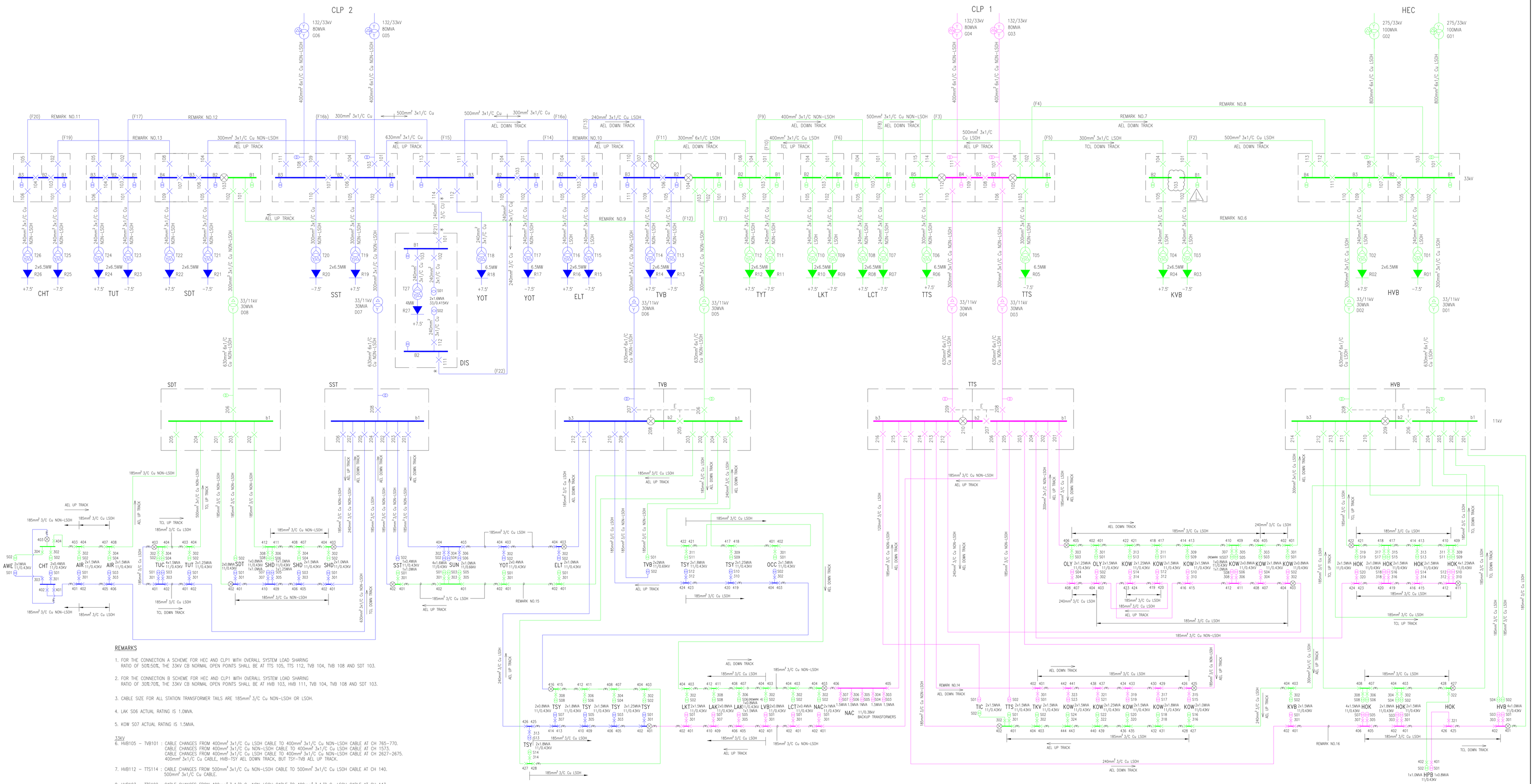

REMARKS

1. FOR THE CONNECTION A SCHEME FOR HEC AND CLP1 WITH OVERALL SYSTEM LOAD SHARING RATIO OF 50%:50%, THE 33kV CB NORMAL OPEN POINTS SHALL BE AT TTS 105, TTS 112, TVB 104, TVB 108 AND SDT 103.
2. FOR THE CONNECTION B SCHEME FOR HEC AND CLP1 WITH OVERALL SYSTEM LOAD SHARING RATIO OF 30%:70%, THE 33kV CB NORMAL OPEN POINTS SHALL BE AT HVB 103, HVB 111, TVB 104, TVB 108 AND SDT 103.
3. CABLE SIZE FOR ALL STATION TRANSFORMER TAILS ARE 185mm² 3/C Cu NON-LSOH OR LSOH.
4. LAK S06 ACTUAL RATING IS 1.0MVA.
5. KOW S07 ACTUAL RATING IS 1.5MVA.

33kV

6. HVB105 – TVB101 : CABLE CHANGES FROM 400mm² 3x1/C Cu LSOH CABLE TO 400mm² 3x1/C Cu NON-LSOH CABLE AT CH 765–770.
   CABLE CHANGES FROM 400mm² 3x1/C Cu NON-LSOH CABLE TO 400mm² 3x1/C Cu LSOH CABLE AT CH 1573.
   CABLE CHANGES FROM 400mm² 3x1/C Cu LSOH CABLE TO 400mm² 3x1/C Cu NON-LSOH CABLE AT CH 2627–2675.
   400mm² 3x1/C Cu CABLE, HVB–TSY AEL DOWN TRACK, BUT TSY–TVB AEL UP TRACK.
7. HVB112 – TTS114 : CABLE CHANGES FROM 500mm² 3x1/C Cu NON-LSOH CABLE TO 500mm² 3x1/C Cu LSOH CABLE AT CH 140.
   500mm² 3x1/C Cu CABLE.
8. HVB103 – TTS102 : CABLE CHANGES FROM 400mm² 3x1/C Cu NON-LSOH CABLE TO 400mm² 3x1/C Cu LSOH CABLE AT CH 143.
   400mm² 3x1/C Cu CABLE, HVB–KVB AEL DOWN TRACK, BUT KVB–TTS TCL UP TRACK.
9. SDT101 – TVB103 : CABLE CHANGES FROM 500mm² 3x1/C Cu NON-LSOH CABLE TO 240mm² 3x1/C Cu LSOH CABLE AT CH 8420
   500mm² / 240mm² 3x1/C Cu CABLE.
10. YOT101 – TVB110 : CABLE CHANGES FROM 400mm² 3x1/C Cu NON-LSOH CABLE TO 240mm² 3x1/C Cu LSOH CABLE AT CH 7546
    500mm² / 240mm² 3x1/C Cu CABLE.
11. CHT105 – TUT105 : CABLE CHANGES FROM 240mm² 3x1/C Cu NON-LSOH CABLE TO 240mm² 3x1/C Cu LSOH CABLE AT CH 283
    240mm² 3x1/C Cu CABLE, TUT–TUT TCL DOWN TRACK, BUT TUT–CHT AEL DOWN TRACK.
12. TUT102 – SST111 : 400mm²3x1/C Cu NON-LSOH CABLE, SST–SDT AEL DOWN TRACK, BUT SDT–TUT TCL DOWN TRACK.
13. SDT108 – CHT102 : 240mm²3x1/C Cu NON-LSOH CABLE, SDT–TUT TCL UP TRACK, BUT TUT–CHT AEL UP TRACK.

11kV

14. TKV401 – TTS213 : CABLE CHANGES FROM 240mm²1x3/C Cu LSOH CABLE TO 240mm²1x3/C Cu NON-LSOH CABLE AT CH 225.
    CABLE CHANGES FROM 240mm²1x3/C Cu NON-LSOH CABLE TO 240mm²1x3/C Cu LSOH CABLE AT CH 305.
    240mm²1x3/C Cu CABLE, AEL DOWN TRACK.
15. ELT402 – YOT401 : CABLE CHANGES FROM 185mm²1x3/C Cu LSOH CABLE TO 185mm²1x3/C Cu NON-LSOH CABLE AT CH 6514.
    185mm²1x3/C Cu CABLE, AEL UP TRACK.
16. HOK406 – KVB401 : 185mm²1x3/C Cu LSOH CABLE, TCL DOWN TRACK AND AEL DOWN TRACK.

* TRANSITION JOINT PROVIDED TO TRANSIT 3/C CABLE TO 1/C CABLE FOR TERMINATION ONTO SF6 OIS.

LEGENDS

- CIRCUIT BREAKER (NORMALLY CLOSED)
- CIRCUIT BREAKER (NORMALLY OPEN)
- FEEDER
- BUSBAR
- INFEED TRANSFORMER
- TRANSFORMER
- RECTIFIER TRANSFORMER
- RECTIFIER
- CORE BALANCE CT
- ELECTRICAL INTERLOCK

NOTES

CABLE SIZE & TRACK INFORMATION ARE FOR REFERENCE ONLY.
FOR CABLE DETAILS, REFER TO CABLE ROUTE DRAWINGS.

REV	DESCRIPTION	BY	DATE	APPROVED
L	EDOC ZCJ19270 – Bushing replacement of 33kV AC switchgear panel TVB106 and KVB103	C .TAM	22/03/23	S HO
K	1) DRAWING TITLE BLOCK CHANGED. 2) REMARKS ARE UPDATED AFTER REVIEW.	ANDY LO	29/09/20	S HO
A–J	REVISION DESCRIPTIONS SHALL REFER TO DRAWING RECORD IN DRAWING MANAGEMENT SYSTEM	---	---	---

DRAWN	P.C.YU	D'MAN
DESIGNED	–	–
CHECKED	C.W.LI	PDM
APPROVED	PAUL LO	PCDM
DATE	09 APR 1999	

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CADD REF. OD4_201_00601_0012_K.dwg

TITLE
LAR
AC POWER SYSTEM

SCALE: NTS
DRAWING NO. OD4/201/00601/0012
REV. L

Filename: C:\Users\CYRUSTAM\Desktop\OD4\OD4_201_00601_0012_L.dwg
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