



- NOTES:-**
1. NO TWO AC SOURCE SHALL BE PARALLEL AT ANY STAGE.
 2. DC SET SHALL BE AUTO START TYPE.
 3. EACH BUS BAR & TRANSFORMER MS SHALL BE FED BY ATLEAST ONE SOURCE FROM 415V ACDS. SECOND SOURCE SHALL BE LOOPED FROM NEAREST BUS BAR & TRANSFORMER MS WHICH SHALL BE FED FROM ANOTHER SOURCE FROM 415V ACDS.
 4. NUMBERS OF FEEDERS SHALL BE INCREASED IN EACH BOARD AS PER REQUIREMENT OF SUB-STATION.
 5. ONE DC "Y" TYPE MODULE IN EACH 220V DCDS SHALL BE PROVIDED FOR EACH LINE, TRANSFORMER, BUS REACTOR, TSC, EC & BUS SECTION BUS INCLUDING FUTURE BAYS AS SHOWN IN SUBSTATION SLD.
 6. ONE DC "Y" TYPE MODULE IN EACH 48V DCDS SHALL BE PROVIDED FOR EACH LINE BAY INCLUDING FUTURE LINE BAYS AS SHOWN IN SUBSTATION SLD.
 7. RATING OF BUS BARS / FEEDERS INDICATED IN THIS DRAWING ARE MINIMUM REQUIREMENT AND MAY BE INCREASED DURING DETAILED ENGINEERING IF FOUND ADEQUATE RESPECT TO OFFERED LOADS / SYSTEM.
 8. LIGHTING TRANSFORMERS (AS SPECIFIED IN LIGHTING SPECIFICATION) LOCATED IN THIS SLD SHALL BE IN THE SCOPE OF LT SWITCHGEAR AND THE SAME SHALL BE INSTALLED IN SEPARATE MODULE IN RESPECTIVE LIGHTING DISTRIBUTION BOARD. SCHEME OF PROTECTION FOR THIS MODULE SHALL BE AS PER IEC 61851-1.
 9. THIS DRAWING SHALL BE APPLICABLE WITH REV. 04 OF STANDARD TECHNICAL SPECIFICATION OF LT SWITCHGEAR.

KARNATAKA POWER TRANSMISSION CORPORATION LIMITED

PROJECT : STANDARD

TITLE : STANDARD SLD FOR AC & DC SYSTEM

DRAWING NO. : KPTCL/400KV/STD/LT/SLD.11