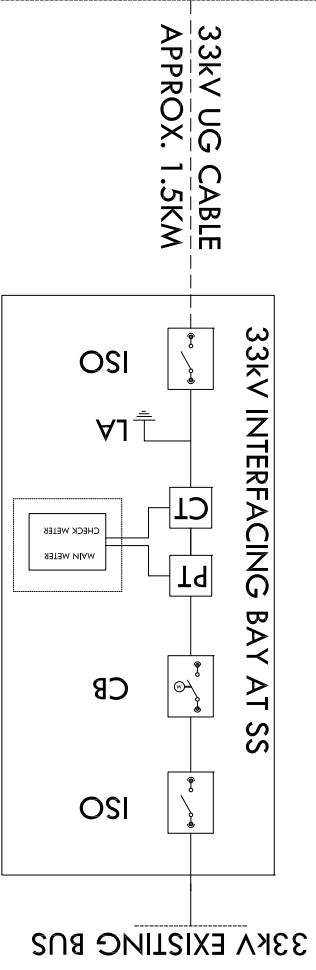


- NOTES:**
- 1.THE BUS BAR, BAY LAYOUT ARRANGEMENT, & SWITCHING SCHEME SHALL BE AS PER PROJECT REQUIREMENT.
  - 2.DETAILS PROVIDED IN SLD IS INDICATIVE ONLY FOR SHOWING POWER EVACUATION.
  - 3.RATING OF SWITCHYARD AND OTHER EQUIPMENTS INCLUDING BAY SHALL BE AS PER THE SYSTEM REQUIREMENT AND SAME SHALL BE FINALISED DURING DETAIL ENGINEERING AFTER LOA.
  - 4.33kV HT SWITCHGEAR PANEL SHALL HAVE BI DIRECTIONAL TRI VECTOR METER (ABT TOD) 0.2S CLASS RS 485 IN ALL VERTICALS.
  - 5.NUMERICAL AND OTHER PROTECTION RELAYS SHALL BE PROVIDED IN 33kV SWITCHGEAR PANEL AND ENSURE BATTERY WILL CHARGE FROM SOLAR POWER ONLY.
  - 6.BATTERY CHARGING THROUGH BESSCOM GRID IS NOT ALLOWED.



DRAWING TITLE: **SINGLE LINE DIAGRAM**

PROJECT TITLE: **2 MW (AC) SOLAR PV POWER PLANT (2.2MWP DC) 4.5 MWH BATTERY ENERGY STORAGE SYSTEM**

LOCATION: **PAVAGADA ULTRA MEGA SOLAR PARK OF TUMAKURU DISTRICT**

OWNER: **Karnataka Renewable Energy Development Limited**

SCALE: **1:1** SHEET NO: **1 of 1** PAPER SIZE: **A3**