

LEGENDS:-

- ICT Augmentation at Navsari (New) associated with integration of additional 7 GW RE power from Khavda RE park under Phase-III (TENDERING STAGE)
- ± 300 MVAR STATCOM with 3x125 MVAR MSC, 1x125 MVAR MSR at 400 kV level of Navsari (New) (PG) S/s with 1 No. of 400 kV bay (GIS) UNDER Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW); Part C
- - - - FUTURE/EXISTING SCOPE

**POWER GRID CORPORATION
OF INDIA LIMITED**
(A Government of India Enterprise)

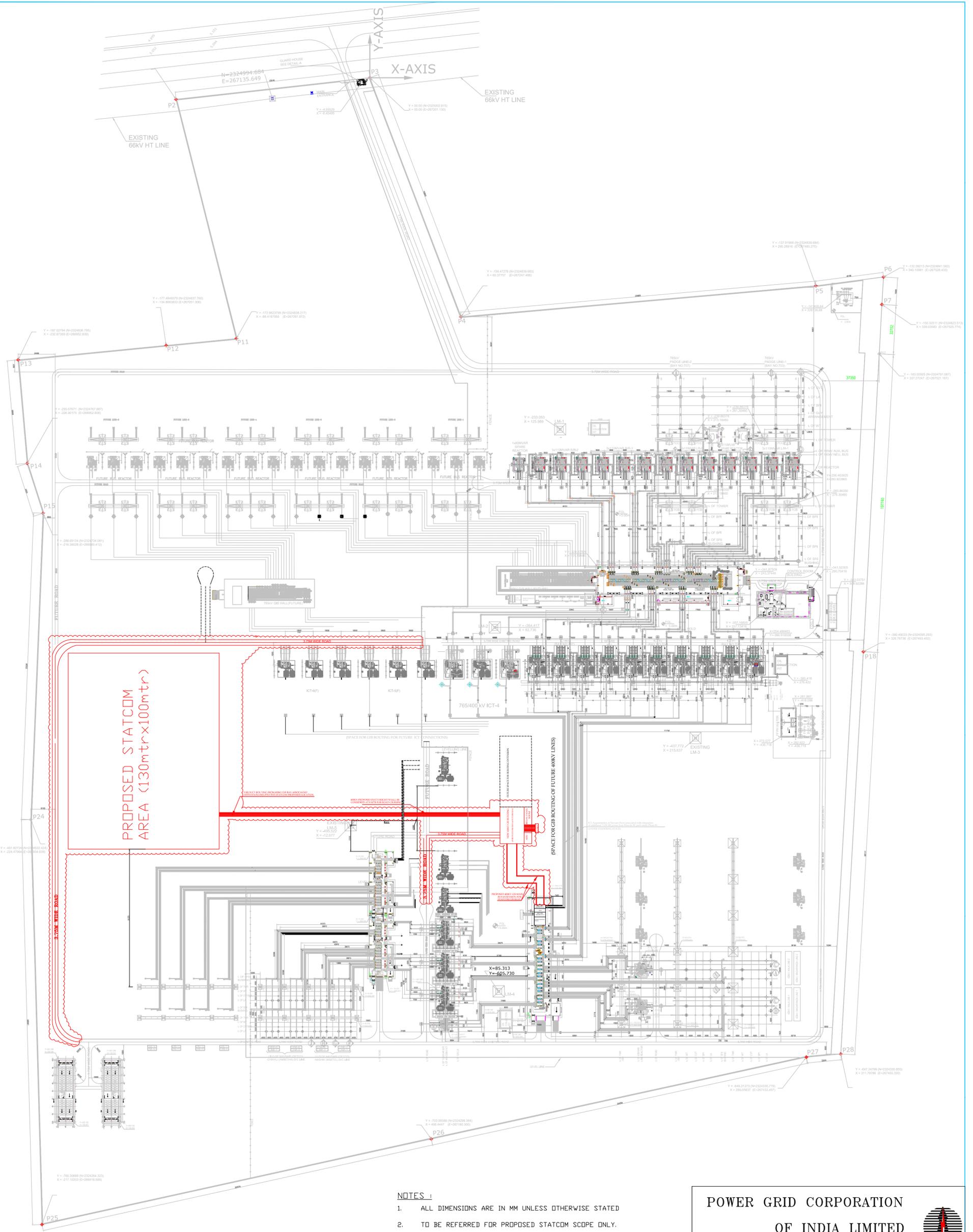


**PROJECT-Transmission System for Evacuation of
Power from potential renewable energy zone in
Khavda area of Gujarat under Phase-IV (7GW):
Part C**

**SUBSTATION
EXTENSION OF 400 KV NAVSARI NEW GIS S/S**

TITLE : SINGLE LINE DIAGRAM-STATCOM SCOPE

DRAWN	DATE	DRAWING NO.	REV.
		C/ENGG/STATCOM/NAVSARI EXTN./400KV/SLD/01	00



- NOTES :**
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
 2. TO BE REFERRED FOR PROPOSED STATCOM SCOPE ONLY.

LEGEND:-

 ± 300 MVAR STATCOM with 3x125 MVAR MSC, 1x125 MVAR MSR at 400 kV level of Navsari (New) (PG) S/s with 1 No. of 400 kV bay (GIS) UNDER **Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW): Part C**

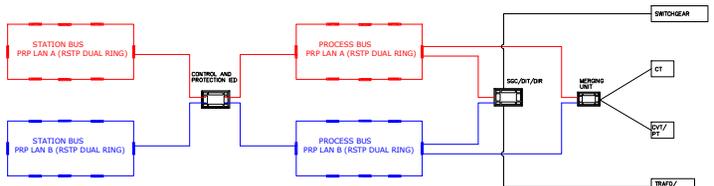
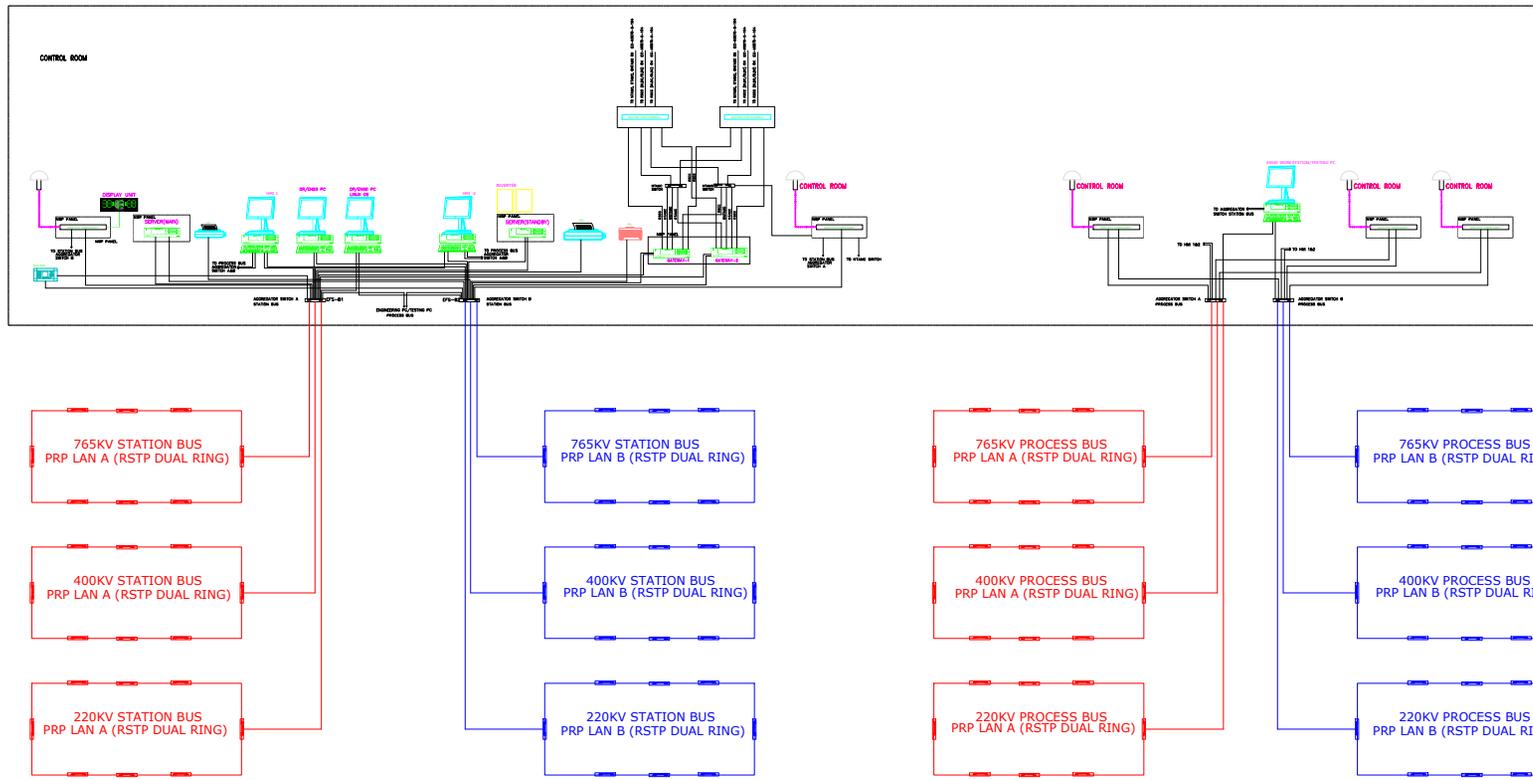
 FUTURE/EXISTING

POWER GRID CORPORATION OF INDIA LIMITED (A Government of India Enterprise)				
PROJECT-Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7GW): Part C				
SUBSTATION EXTENSION OF 400 KV NAVSARI NEW GIS S/S				
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Appendix-1

PROPOSED TENTATIVE ARCHITECTURE DRAWING FOR PROCESS BUS BASED SAS

765/400/220kV South Gujarat



TENTATIVE CONNECTION ARRANGEMENT FOR CONTROL AND PROTECTION IED, SWITCHGEAR CONTROLLER (SGC) IED, DIGITAL INTERFACE FOR TRANSFORMER/REACTOR (DIT/DIR) AND MERGING UNIT