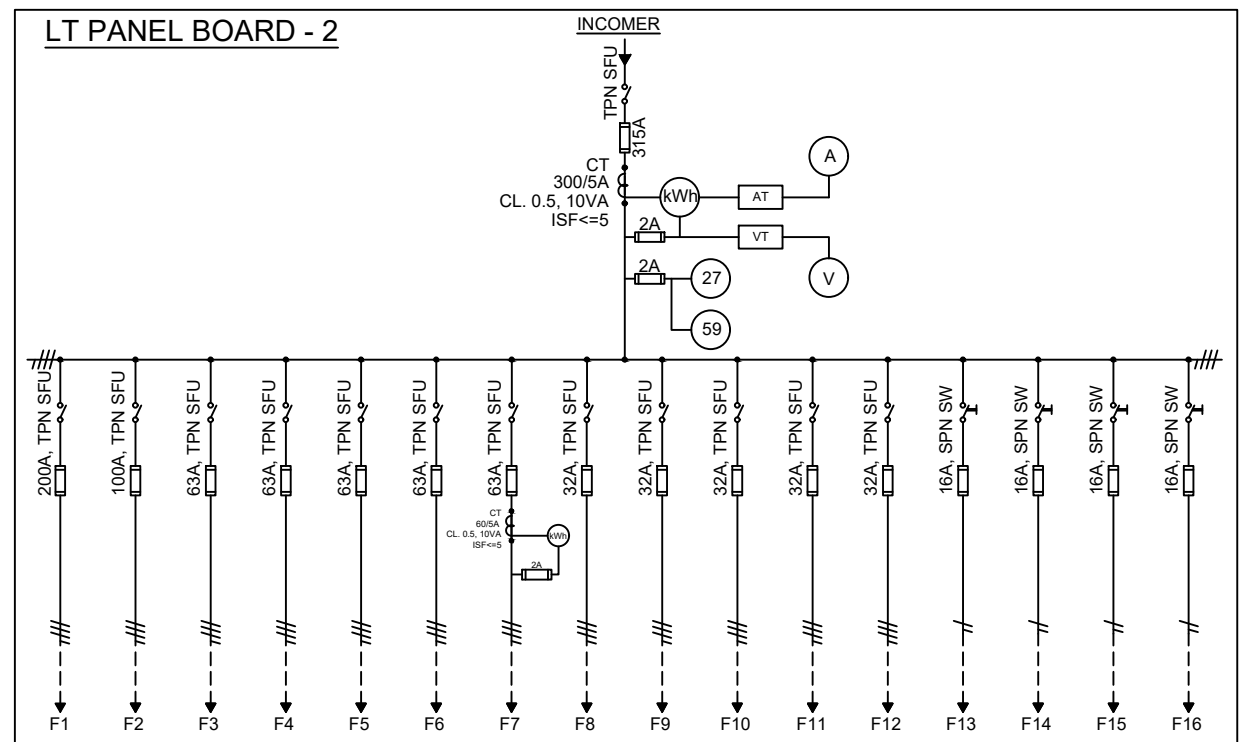
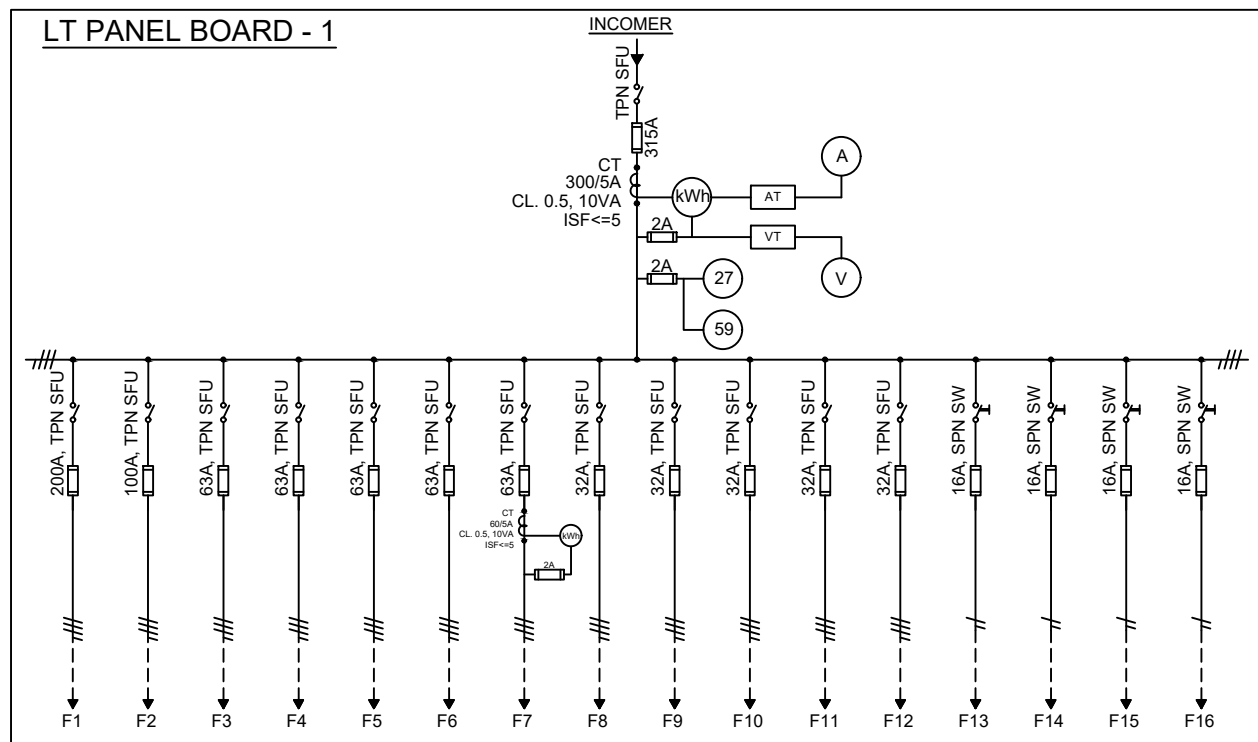




LT Panel Board - 1 Feeder Distribution				
Sr. No.	Feeder	Rating	Description	Cable Size
1	INCOMER	315A	INCOMER	1C x 150 sq mm armoured AL cable (2 run per phase and 1 run for neutral)
2	F1	200A	LIGHTING TRANSFORMER	Size & rating of cable shall be as per respective drawing approval.
3	F2	100A	SPARE	-----
4	F3	63A	220V BATTERY CHARGER-1	4C x 10 sq mm CU
5	F4	63A	220 KV ACDB-1	3.5C x 50 sq mm AL
6	F5	63A	66 KV ACDB-1	3.5C x 50 sq mm AL
7	F6	63A	LIGHTING PANEL	Size & rating of cable shall be as per respective drawing approval.
8	F7	63A	COLONY LIGHTING	
9	F8	32A	220/66 KV TR-1 MK BOX	3.5C x 25 sq mm AL
10	F9	32A	220/66 KV TR-2 MK BOX	3.5C x 25 sq mm AL
11	F10	32A	220/66 KV TR-3 MK BOX	3.5C x 25 sq mm AL
12	F11	32A	UPS	4C x 10 sq mm CU
13	F12	32A	SPARE	-----
14	F13	16A	CRP AUX.PANEL + NIFPS	2C x 2.5 sq mm CU
15	F14	16A	PLCC PANEL - AC AUX. POWER	2C x 2.5 sq mm CU
16	F15	16A	SPARE	-----
17	F16	16A	SPARE	-----

LT Panel Board - 2 Feeder Distribution				
Sr. No.	Feeder	Rating	Description	Cable Size
1	INCOMER	315A	INCOMER	1C x 150 sq mm armoured AL cable (2 run per phase and 1 run for neutral)
2	F1	200A	SPARE	-----
3	F2	100A	SPARE	-----
4	F3	63A	220V BATTERY CHARGER-2	4C x 10 sq mm CU
5	F4	63A	220 KV ACDB-2	3.5C x 50 sq mm AL
6	F5	63A	66 KV ACDB-2	3.5C x 50 sq mm AL
7	F6	63A	AIR CONDITIONING PANEL	Size & rating of cable shall be as per respective drawing approval.
8	F7	63A	EMERGENCY LIGHTING PANEL	
9	F8	32A	220/66 KV TR-1 MK BOX	3.5C x 25 sq mm AL
10	F9	32A	220/66 KV TR-2 MK BOX	3.5C x 25 sq mm AL
11	F10	32A	220/66 KV TR-3 MK BOX	3.5C x 25 sq mm AL
12	F11	32A	WATER WORKS	Size & rating of cable shall be as per respective drawing approval.
13	F12	32A	SPARE	-----
14	F13	16A	SAS AC AUX. PORKS	2C x 2.5 sq mm CU
15	F14	16A	FIRE FIGHTING PANEL	2C x 2.5 sq mm CU
16	F15	16A	SPARE	-----
17	F16	16A	SPARE	-----

LEGEND:-	
	SFU (SWITCH FUSE UNIT)
	SW (1-Ø SWITCH)
	CT (CURRENT TRANSFORMER)
	HRC FUSE
	DC AMPEREMETER
	DC VOLT METER
	VOLTAGE TRANSDUCER
	CURRENT TRANSDUCER
	OVERVOLTAGE RELAY
	UNDERVOLTAGE RELAY

TENDER PURPOSE				
GUJARAT ENERGY TRANSMISSION CORPN.LTD. S.P.VIDYUT BHAVAN, RACE COURSE, VADODARA - 390 007				
LT AC Distribution Drawing for 220kV MAKANSAR Sub-Station				
DRAWN:	CHECKED:	APPD:		
DE (ENGG.)	EE (ENGG.)	I/C. ACE (ENGG.)	SIZE:	A3
SCALE:	DATE:	DRG. NO:	SHEET:	REV:
N.T.S	06.10.2025	GETCO / E / 2S-156/P-031A	1 OF 1	R0