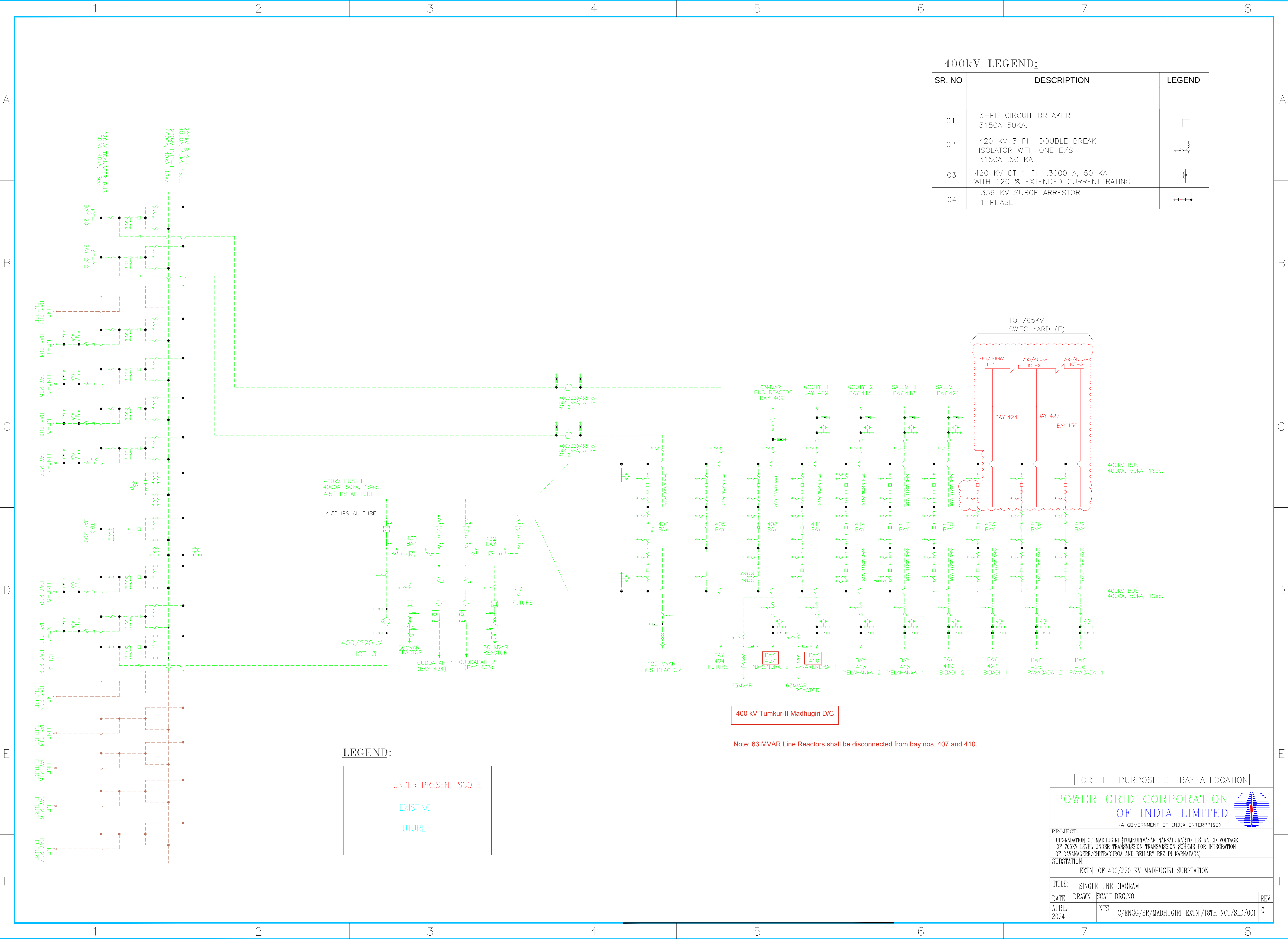




400kV LEGEND:		
SR. NO	DESCRIPTION	LEGEND
01	3-PH CIRCUIT BREAKER 3150A 50KA.	
02	420 KV 3 PH. DOUBLE BREAK ISOLATOR WITH ONE E/S 3150A ,50 KA	
03	420 KV CT 1 PH ,3000 A, 50 KA WITH 120 % EXTENDED CURRENT RATING	
04	336 KV SURGE ARRESTOR 1 PHASE	

LEGEND:

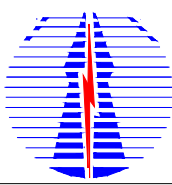
	UNDER PRESENT SCOPE
	EXISTING
	FUTURE

400 kV Tumkur-II Madhugiri D/C

Note: 63 MVAR Line Reactors shall be disconnected from bay nos. 407 and 410.

FOR THE PURPOSE OF BAY ALLOCATION

POWER GRID CORPORATION
OF INDIA LIMITED
(A GOVERNMENT OF INDIA ENTERPRISE)



PROJECT:
UPGRADATION OF MADHUGIRI (TUMKUR/VASANTNARSAPUR) TO ITS RATED VOLTAGE
OF 765KV LEVEL UNDER TRANSMISSION TRANSMISSION SCHEME FOR INTEGRATION
OF DAVANAGERE/CHITRADURGA AND BELLARY REG IN KARNATAKA)

SUBSTATION:
EXTN. OF 400/220 KV MADHUGIRI SUBSTATION

TITLE: SINGLE LINE DIAGRAM

DATE	DRAWN	SCALE	DRG.NO.	REV
APRIL 2024		NTS	C/ENGG/SR/MADHUGIRI-EXTN./18TH NCT/SLD/001	0