

Annexure-IV

1. Details of existing CSD proposed to be shifted to SGMU panels.

Name of Substation	No. of Existing CSDs to be Shifted to SGMU Panels	Bay Nos
Mandola	2	418 (BR-1 Main Bay) & 425 (BR-2 Main Bay)
Meerut	4	409 BR#2/3 Main Bay 40910 BR#2/3 Tie Bay 411 BR#1 Main Bay

2. Details of New DTPC required as per BPS to be integrated in Process Bus Based Scheme.

Name of Substation	No. of DTPC channels	Corresponding Transmission lines where the new DTPCs shall be installed
Mandola	16 (08 – Mandola, 04 – Dadri, 04- Meerut)	Both Channels of 400kV Mandola-Meerut-1 &2 and 400kV Mandola-Dadri-1 &2
Meerut	0	Already covered under Mandola-Meerut-1 &2

3. Details of existing DTPC (Make & Bay No) to be integrated in Process Bus Based Scheme.

Name of Substation	No. of Existing DTPC channels (Make & Bay No)	Corresponding Transmission lines
Mandola	4 Nos. Hitachi make NSD 70	Bawana#1 (404, 406) & Bawana#2 (407, 408)
	Existing PLCC shall be Used	Mandola-Meerut-3 & 4
Meerut	Existing PLCC shall be Used.	400 kV Mandola-Meerut-3 & 4, Meerut-MuzafarNagar, Meerut-Baghpat 1-2, Meerut-Bareilly 1-2, All 220 kV Lines

4. Details of existing PMU (Make & Bay No) to be integrated in Process Bus Based Scheme.

Name of Substation	No. of Existing PMU (Make)	Corresponding Transmission lines
Mandola	4 Nos. GE make MiCOM P847 (2 Lines in one PMU)	Bawana#1&2, Dadri #1&2, Meerut#1,2,3&4
Meerut	3 Nos. GE make MiCOM P847 (2 Lines in one PMU)	Mandola-1/2, Muzaffarnagar, Baghpat-1 & 2