

Cumulative Growth of Substations in the Country in FY 2023-24

Up to Oct-23

(All fig. in MVA)

Period	± 800 kV HVDC				± 500 kV HVDC				± 320 kV HVDC				765 kV				400 kV				220 kV				Grand Total			
	Central	State	JV/Private	Total	Central	State	JV/Private	Total	Central	State	JV/Private	Total	Central	State	JV/Private	Total	Central	State	JV/Private	Total	Central	State	JV/Private	Total	Central	State	JV/Private	Total
6th plan (1980-85)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	715	8615	0	9330	500	36791	0	37291	1215	45406	0	46621
7th plan (1985-90)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6760	14820	0	21580	1881	51861	0	53742	8641	66681	0	75322
8th plan (1992-97)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17340	23525	0	40865	2566	81611	0	84177	19906	105136	0	125042
9th plan (1997-2002)	0	0	0	0	3500	1700	0	5200	0	0	0	0	0	0	0	0	23575	36805	0	60380	2866	113497	0	116363	29941	152002	0	181943
10th plan (2002-2007)	0	0	0	0	6500	1700	0	8200	0	0	0	0	0	0	0	0	40455	52487	0	92942	4276	152221	0	156497	51231	206408	0	257639
11th Plan (2007-12)	0	0	0	0	8250	1500	0	9750	0	0	0	0	24000	1000	0	25000	77225	73172	630	151027	6436	215771	1567	223774	115911	291443	2197	409551
12th Plan (2012-17)	6000	0	0	6000	9500	1500	2500	13500	0	0	0	0	138000	15000	14500	167500	116170	119117	5520	240807	9046	302345	1567	312958	278716	437962	24087	740765
Plan Period 2017-22 (Up to Mar'2019)	9000	0	0	9000	9500	1500	2500	13500	0	0	0	0	175000	19000	17500	211500	145325	156217	11640	313182	9531	340993	1957	352481	348356	517710	33597	899663
Plan Period 2017-22 (Up to Mar'2021)	12000	0	0	12000	9500	1500	2500	13500	0	0	0	0	191500	19000	20500	231000	156530	167602	13640	337772	9801	361863	1957	373621	379331	549965	38597	967893
Plan Period 2017-22 (Up to Mar'2023)	15000	0	0	15000	9500	1500	2500	13500	1000	0	0	1000	199200	19000	20500	238700	165290	178587	17850	361727	10671	382913	1957	395541	400661	582000	42807	1025468
2017-22	18000	0	0	18000	9500	1500	2500	13500	2000	0	0	2000	217700	19000	20500	257200	181135	193128	18850	393113	11901	406779	1957	420637	440236	620407	43807	1104450
Upto March 2023	18000	0	0	18000	9500	1500	2500	13500	2000	0	0	2000	231200	22000	23500	276700	195985	208913	20850	425748	13921	428526	1957	444404	470606	660939	48807	1180352
Up to Oct-23	18000	0	0	18000	9500	1500	2500	13500	2000	0	0	2000	232700	22000	26500	281200	202920	213218	24850	440988	14021	438207	1957	454185	479141	674925	55807	1209873