

Growth in Transmission Sector

1	Transmission Lines		(All Figures in CKM)							
At the end of	6th plan	7th plan	8th plan	9th plan	10th plan	11th plan	12th plan	During 2017-18 Upto May 2017	Capacity as on May 2017	
+500 kV HVDC										
Central	0	0	1634	3234	4368	5948	12,072	0	12,072	
State	0	0	0	1504	1504	1504	1,504	0	1,504	
JV/Private	0	0	0	0	0	1980	1,980	0	1,980	
Total	0	0	1634	4738	5872	9432	15556	0	15,556	
765 kV										
Central	0	0	0	751	1775	4839	25,465	228	25,693	
State	0	0	0	409	409	411	1,177	335	1,512	
JV/Private	0	0	0	0	0	0	4,598	283	4,881	
Total	0	0	0	1160	2184	5250	31240	846	32,086	
400 kV										
Central	1831	13068	23001	29345	48708	71023	92,482	631	93,113	
State	4198	6756	13141	20033	24730	30191	48,240	1,616	49,856	
JV/Private	0	0	0	0	2284	5605	17,065	534	17,599	
Total	6029	19824	36142	49378	75722	106819	157787	2,781	160,568	
220 kV										
Central	1641	4560	6564	8687	9444	10140	11,014	0	11,014	
State	44364	55071	73036	88306	105185	125010	151,276	395	151,671	
JV/Private	0	0	0	0	0	830	978	5	983	
Total	46005	59631	79600	96993	114629	135980	163,268	400	163,668	
Grand Total	52034	79455	117376	152269	198407	257481	367,851	4,027	371,878	

2	Sub-Station		(All Figures in MVA/MW)							
At the end of	6th plan	7th plan	8th plan	9th plan	10th plan	11th plan	12th plan	During 2017-18 Upto May 2017	Capacity as on May 2017	
+500 kV HVDC Converter/BTB Station										
Central	0	0	0	3500	6500	8250	15,500	0	15,500	
State	0	0	0	1700	1700	1500	1,500	0	1,500	
JV/Private	0	0	0	0	0	0	2,500	0	2,500	
Total	0	0	0	5200	8200	9750	19500	0	19,500	
765 kV										
Central	0	0	0	0	0	24000	138,000	1,500	139,500	
State	0	0	0	0	0	1000	15,000	1,500	16,500	
JV/Private	0	0	0	0	0	0	14,500	0	14,500	
Total	0	0	0	0	0	25000	167500	3,000	170,500	
400 kV										
Central	715	6760	17340	23575	40455	77225	116,170	1,000	117,170	
State	8615	14820	23525	36805	52487	73172	117,782	1,630	119,412	
JV/Private	0	0	0	0	0	630	5,520	1,000	6,520	
Total	9330	21580	40865	60380	92942	151027	239472	3,630	243,102	
220 kV										
Central	500	1881	2566	2866	4276	6436	9,046	0	9,046	
State	36791	51861	81611	113497	152221	215771	303,480	2,540	306,020	
JV/Private	0	0	0	0	0	1567	1,767	0	1,767	
Total	37291	53742	84177	116363	156497	223774	314293	2,540	316,833	
Grand Total	46621	75322	125042	181943	257639	409551	740765	9,170	749,935	