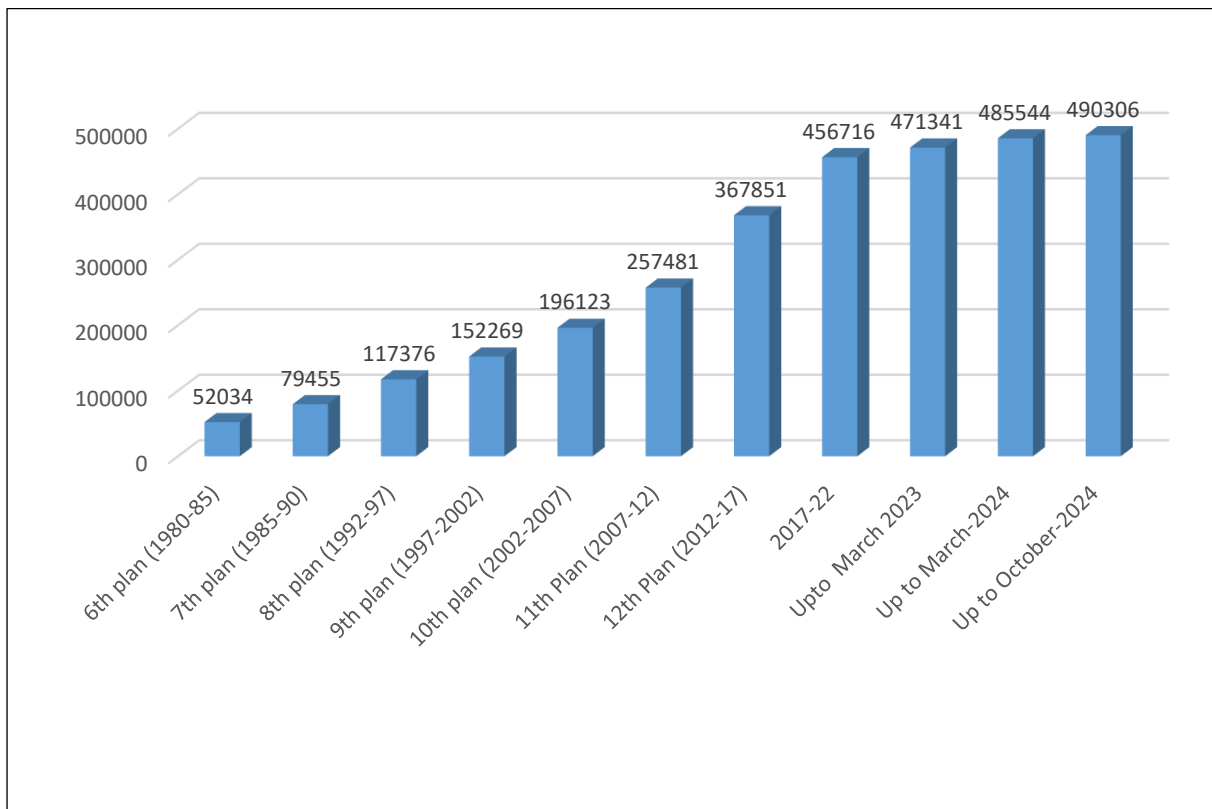


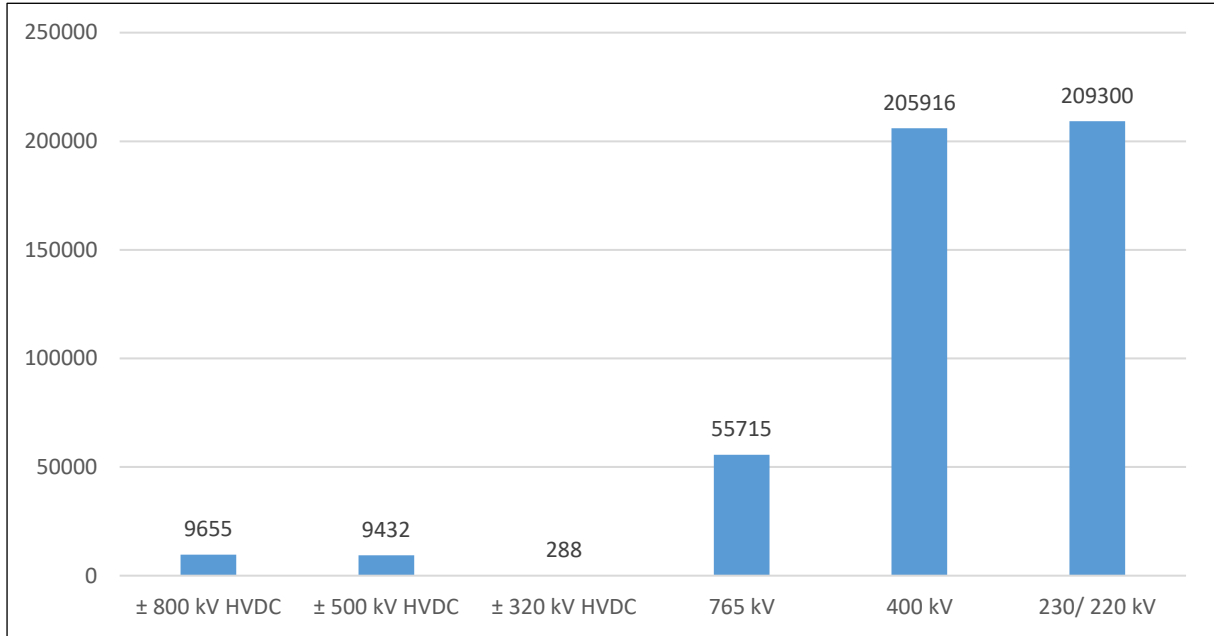
GROWTH SUMMARY OF TRANSMISSION LINES (220 kV & above)

- ❖ Total Transmission Line Capacity addition during the Month : **1,454 ckm**
- ❖ Total Transmission Line Capacity addition during the FY 2024-25 : **4,762 ckm**
- ❖ Total Transmission Line Capacity (220 kV & above) in the Country : **4,90,306 ckm**
- ❖ Total Inter-Regional Capacity in the country : **1,18,740 MW**

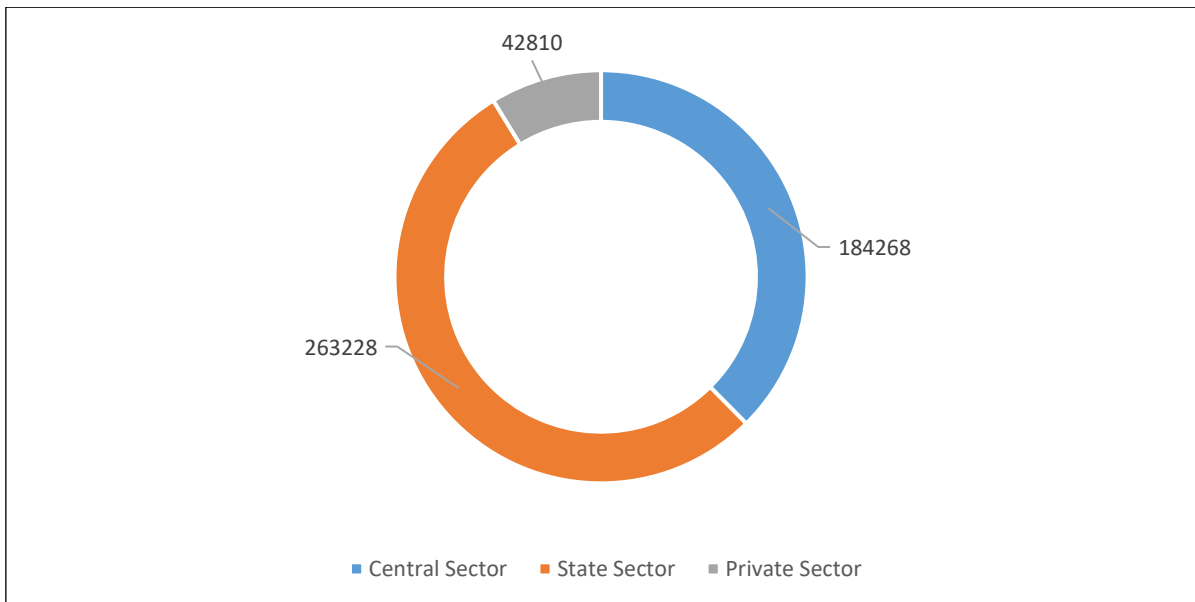
Plan-Wise Cumulative Transmission Lines Length (in ckm)



Voltage-Wise Growth of Transmission Lines (in ckm)



Sector-Wise Growth of Transmission Lines (in ckm)



Growth summary of transmission line (220 kV and above)

(All figures in CKM)

Period	± 800 kV HVDC				± 500 kV HVDC				± 320 kV HVDC				765 kV				400 kV				230/ 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	1831	4198	0	6029	1641	44364	0	46005	3472	48562	0	52034
7th plan (1985-90)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13068	6756	0	19824	4560	55071	0	59631	17628	61827	0	79455
8th plan (1992-97)	0	0	0	0	1634	0	0	1634	0	0	0	0	0	0	0	0	23001	13141	0	36142	6564	73036	0	79600	31199	86177	0	117376
9th plan (1997-2002)	0	0	0	0	3234	1504	0	4738	0	0	0	0	751	409	0	1160	29345	20033	0	49378	8687	88306	0	96993	42017	110252	0	152269
10th plan (2002-2007)	0	0	0	0	4368	1504	0	5872	0	0	0	0	1775	409	0	2184	48708	24730	0	73438	9444	105185	0	114629	64295	131828	0	196123
11th Plan (2007-12)	0	0	0	0	5948	1504	1980	9432	0	0	0	0	4839	411	0	5250	71023	30191	5605	106819	10140	125010	830	135980	91950	157116	8415	257481
12th Plan (2012-17)	6124	0	0	6124	5948	1504	1980	9432	0	0	0	0	25465	1177	4598	31240	92482	48240	17065	157787	11014	151276	978	163268	141033	202197	24621	367851
2017-22	9655	0	0	9655	5948	1504	1980	9432	288	0	0	288	39304	2833	8886	51023	107855	63195	22928	193978	12114	179177	1049	192340	175164	246709	34843	456716
Upto March 2023	9655	0	0	9655	5948	1504	1980	9432	288	0	0	288	39586	2833	10259	52678	109330	64887	23533	197750	14283	184301	2954	201538	179090	253525	38726	471341
Up to March-2024	9655	0	0	9655	5948	1504	1980	9432	288	0	0	288	39814	2846	12137	54797	113023	66268	24547	203838	14300	189900	3334	207534	183028	260518	41998	485544
Up to October-2024	9655	0	0	9655	5948	1504	1980	9432	288	0	0	288	40732	2846	12137	55715	113293	67359	25264	205916	14352	191519	3429	209300	184268	263228	42810	490306

Growth of Inter- Regional Transmission Capacity (220 kV and above)

(All figures in MW)

At the end of Plan/Region	ER-NR	ER-WR	WR-NR	ER-SR	WR-SR	ER-NER	NER-NR	TOTAL
9th plan (1997-2002)	130	1,790	1,020	630	1,720	1,260	0	6,550
10th plan (2002-2007)	3,430	1,790	2,120	3,130	1,720	1,260	0	13,450
11th plan (2007-2012)	12,130	4,390	4,220	3,630	1,520	1,260	0	27,150
12th plan (2012-2017)	21,030	12,790	15,420	7,830	12,120	2,860	3,000	75,050
2017-2022	22,530	21,190	36,720	7,830	18,120	2,860	3,000	1,12,250
Up to March-2023	22,530	21,190	36,720	7,830	18,120	2,860	3,000	1,12,250
Up to March-2024	22,530	21,190	38,320	7,830	22,320	3,550	3,000	1,18,740
Up to 31 th October -2024	22,530	21,190	38,320	7,830	22,320	3,550	3,000	1,18,740

Details of ISTS & Intra State transmission lines (220 kV and above)

(All figures in ckm)

Period	ISTS	Intra State	Total
As of 31 st March 2004	49,329	118,048	167,377
As of 31 st March 2014	119,332	172,004	291,336
2014-15	10,163	11,938	22,101
2015-16	15,480	12,634	28,114
2016-17	13,884	12,416	26,300
2017-18	10,155	12,964	23,119
2018-19	10,681	11,756	22,437
2019-20	6,756	4,908	11,664
2020-21	7,490	9,260	16,750
2021-22	6,095	8,800	14,895
2022-23	4,671	9,954	14,625
2023-24	6,283	7,920	14,203
2024-25 (Up to 31st Oct-2024)	2,000	2,762	4,762
As of 31st Oct - 2024	212,990	277,316	490,306