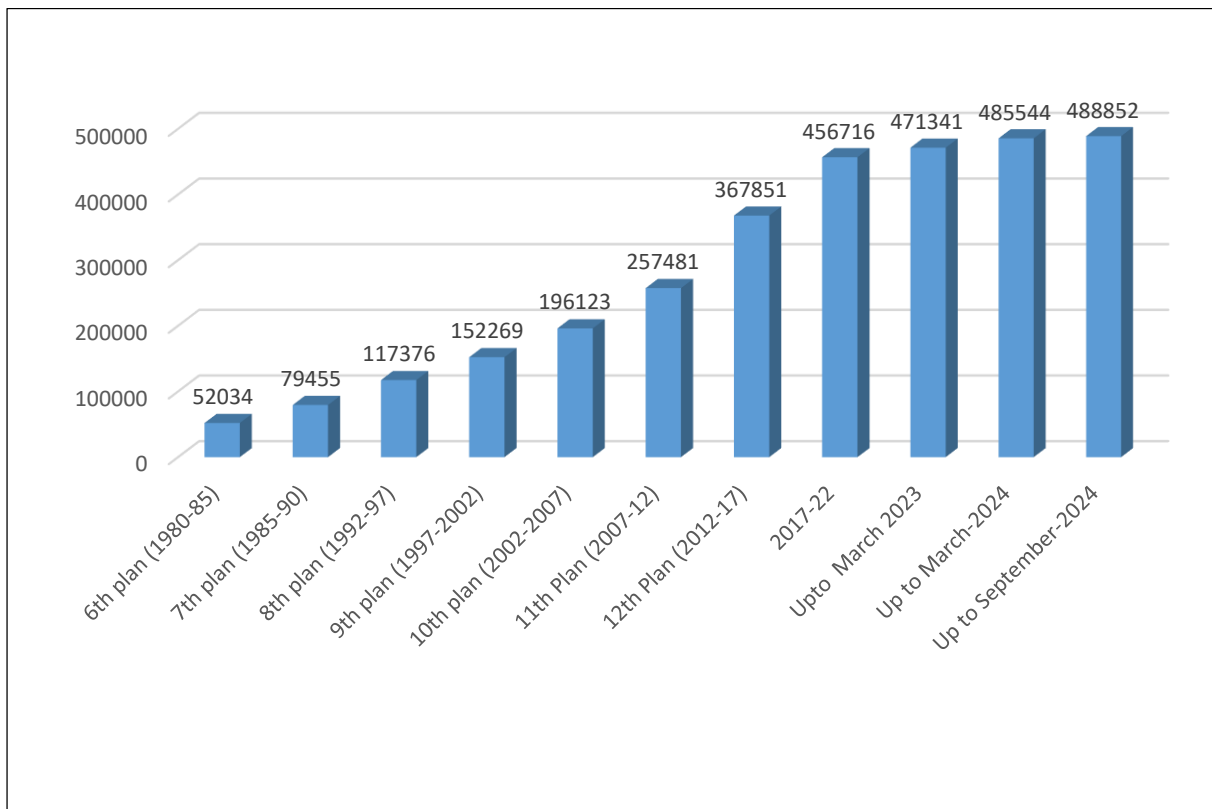


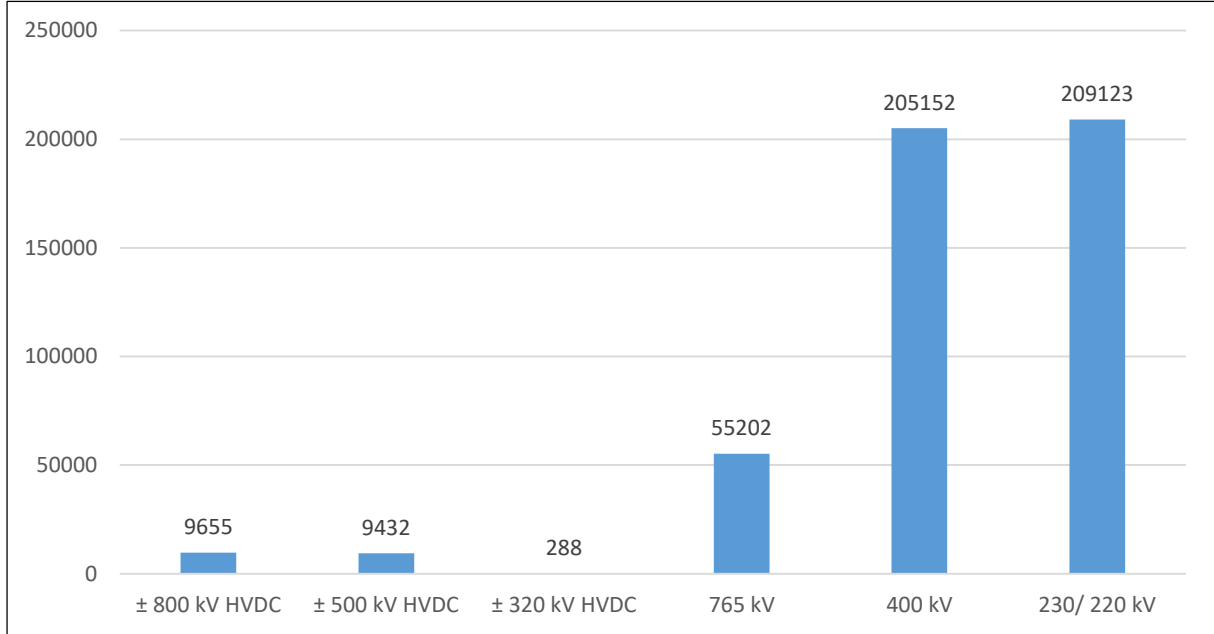
**GROWTH SUMMARY OF TRANSMISSION LINES (220 kV & above)**

- ❖ Total Transmission Line Capacity addition during the Month : **429 ckm**
- ❖ Total Transmission Line Capacity addition during the FY 2024-25 : **3308 ckm**
- ❖ Total Transmission Line Capacity (220 kV & above) in the Country : **4,88,852 ckm**
- ❖ Total Inter-Regional Capacity in the country : **1,18,740 MW**

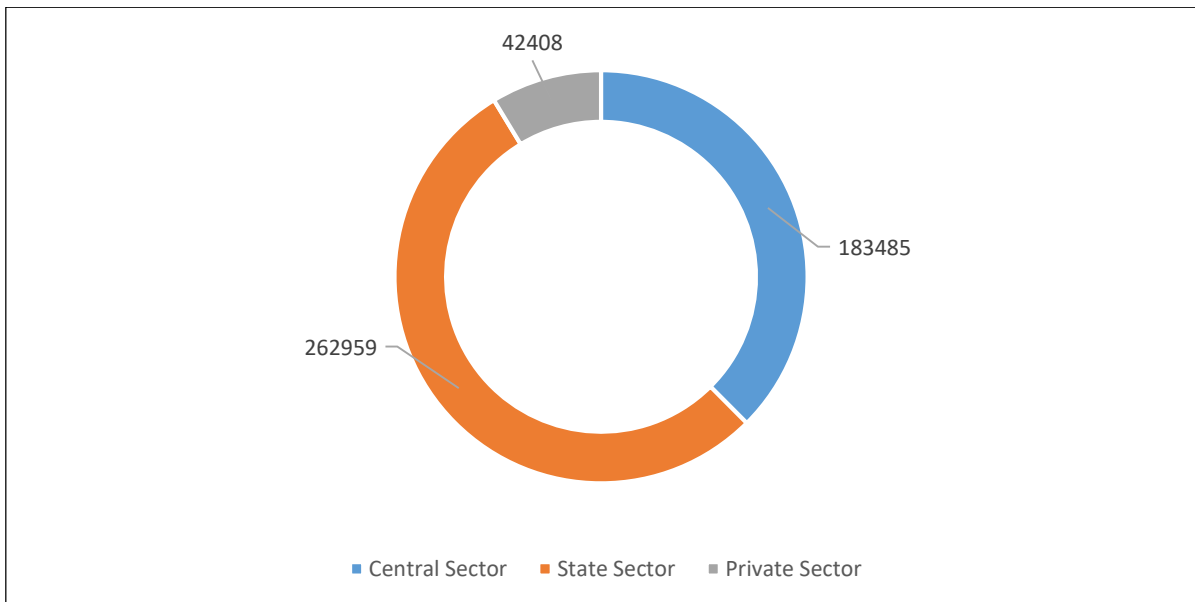
**Plan-Wise Cumulative Transmission Lines Length (in ckm)**



**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 September-2024	9655	0	0	9655	5948	1504	1980	9432	288	0	0	288	40219	2846	12137	55202	113023	67217	24912	205152	14352	191392	3379	209123	183485	262959	42408	488852

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

(All figures in MW)

<b>At the end of Plan/Region</b>	<b>ER-NR</b>	<b>ER-WR</b>	<b>WR-NR</b>	<b>ER-SR</b>	<b>WR-SR</b>	<b>ER-NER</b>	<b>NER-NR</b>	<b>TOTAL</b>
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 30 <sup>th</sup> September -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)

<b>Period</b>	<b>ISTS</b>	<b>Intra State</b>	<b>Total</b>
As of 31 <sup>st</sup> March 2004	49329	118048	167377
As of 31 <sup>st</sup> March 2014	119332	172004	291336
2014-15	10163	11938	22101
2015-16	15480	12634	28114
2016-17	13884	12416	26300
2017-18	10155	12964	23119
2018-19	10681	11756	22437
2019-20	6756	4908	11664
2020-21	7490	9260	16750
2021-22	6095	8800	14895
2022-23	4671	9954	14625
2023-24	6283	7920	14203
2024-25 (Up to 30 <sup>th</sup> September-2024)	815	2493	3308
<b>As of 30<sup>th</sup> September - 2024</b>	<b>211805</b>	<b>277047</b>	<b>488852</b>