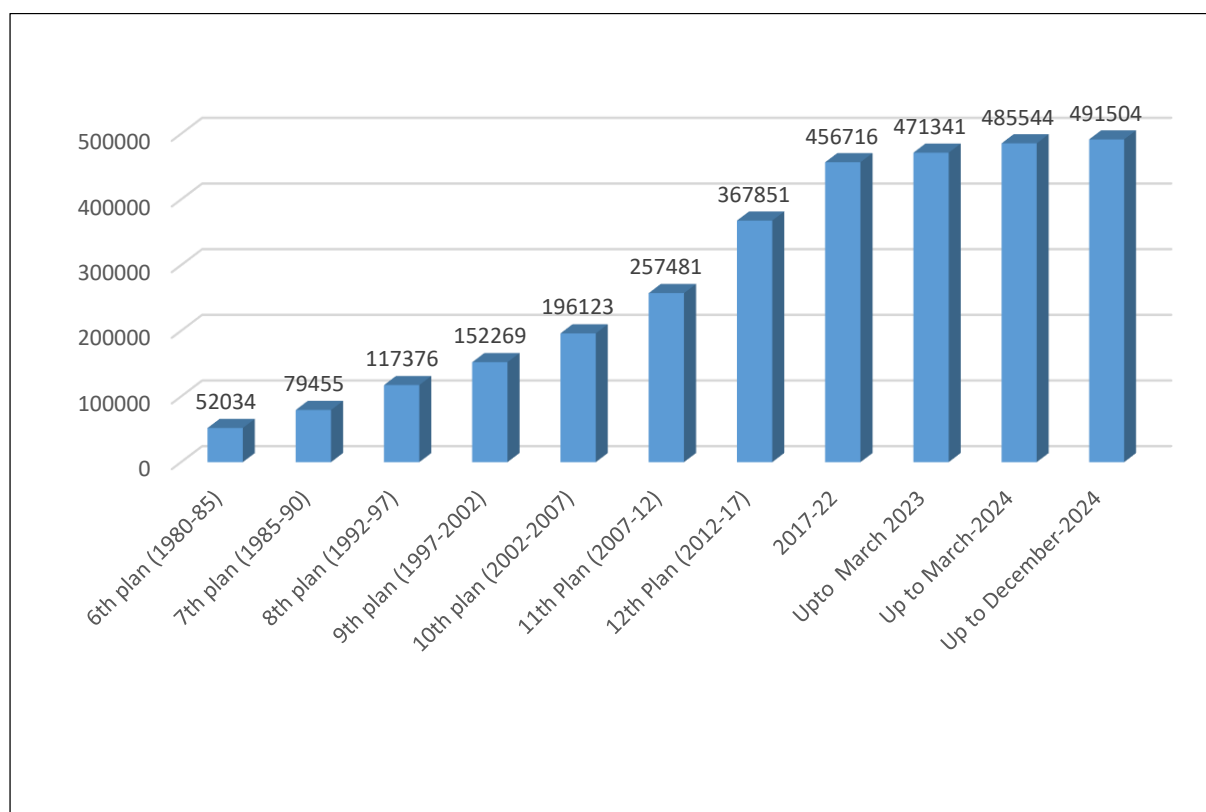


December - 2024

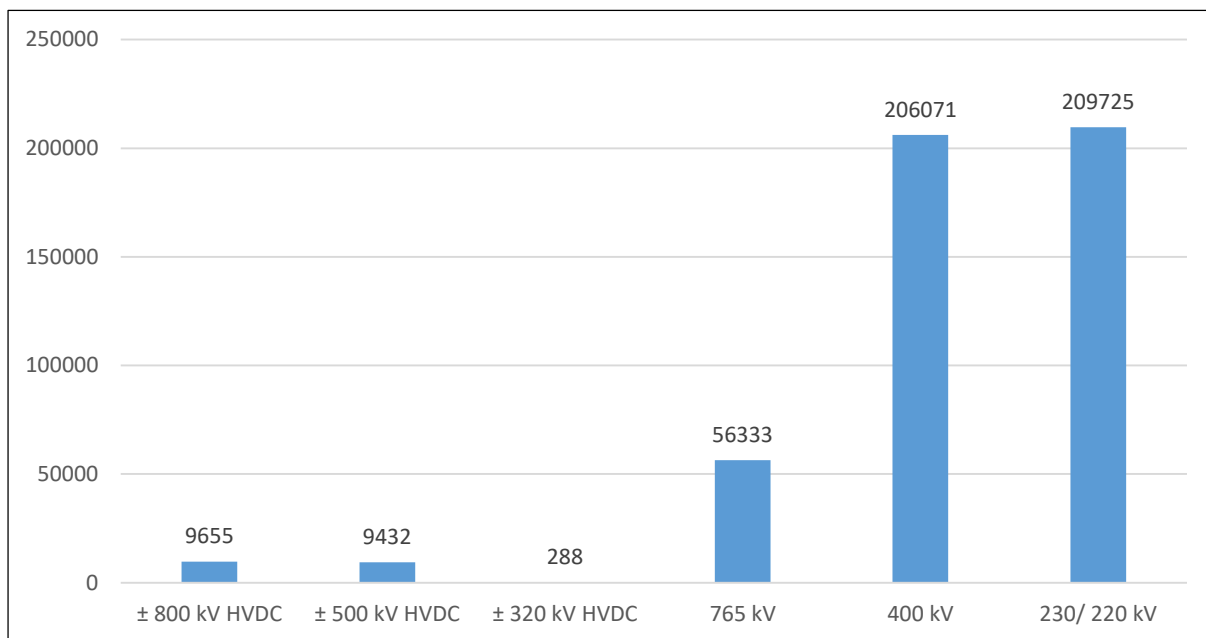
GROWTH SUMMARY OF TRANSMISSION LINES (220 kV & above)

- ❖ Total Transmission Line Capacity addition during the Month : **843 ckm**
- ❖ Total Transmission Line Capacity addition during the FY 2024-25 : **5960 ckm**
- ❖ Total Transmission Line Capacity (220 kV & above) in the Country : **4,91,504 ckm**
- ❖ Total Inter-Regional Capacity in the country : **1,18,740 MW**

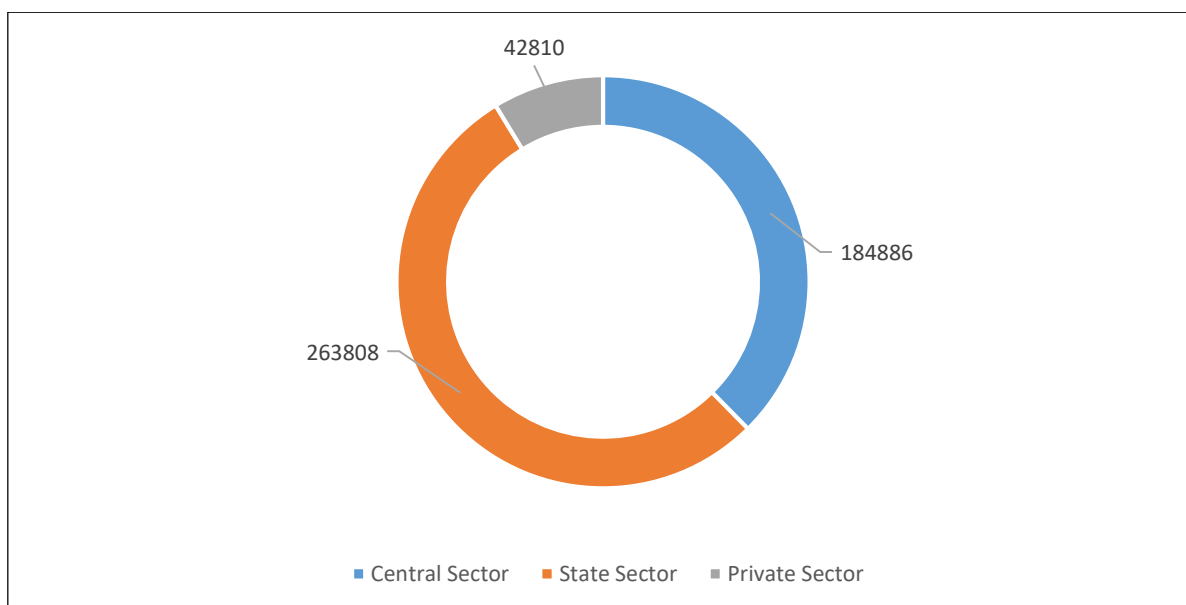
Plan-Wise Cumulative Transmission Lines Length (in ckm)



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 December-2024	9655	0	0	9655	5948	1504	1980	9432	288	0	0	288	41350	2846	12137	56333	113293	67514	25264	206071	14352	191944	3429	209725	184886	263808	42810	491504

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 31st December -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	49329	118048	167377
As of 31 st 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 31st December -2024)	2618	3342	5960
As of 31st December - 2024	213608	277896	491504