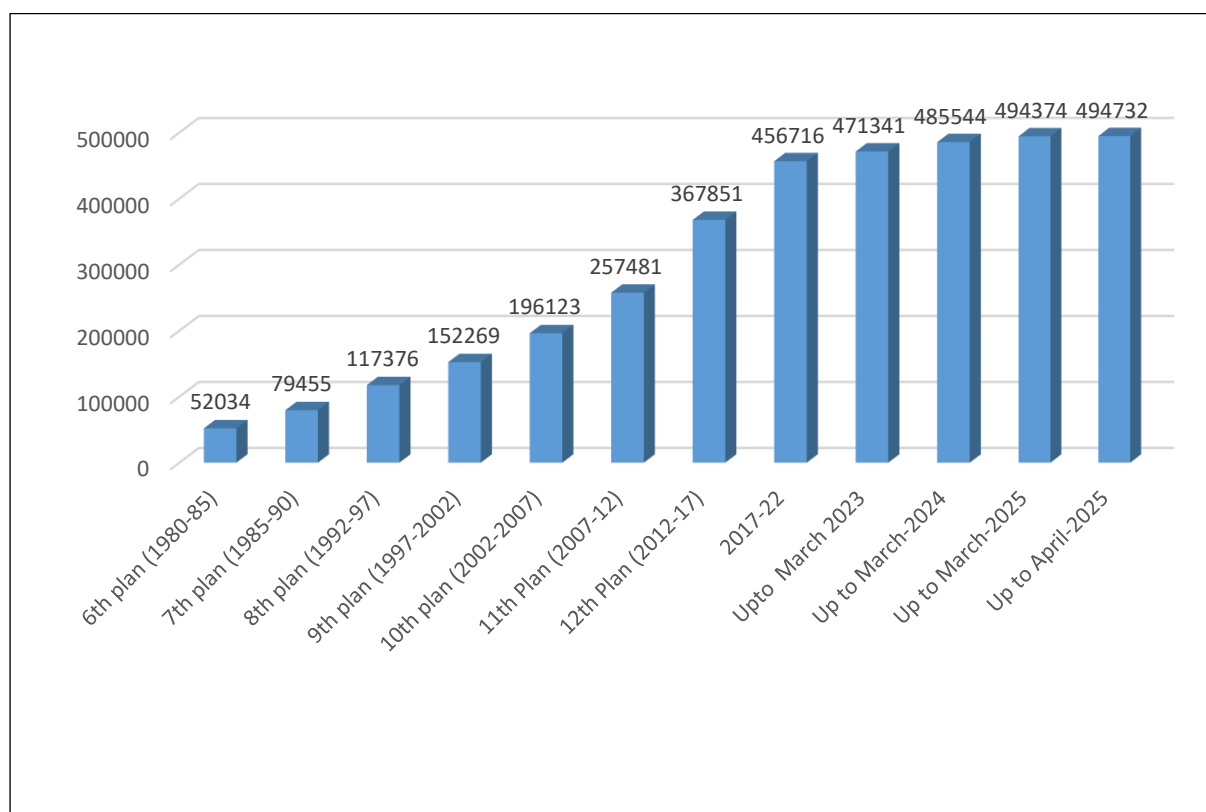


**April - 2025**

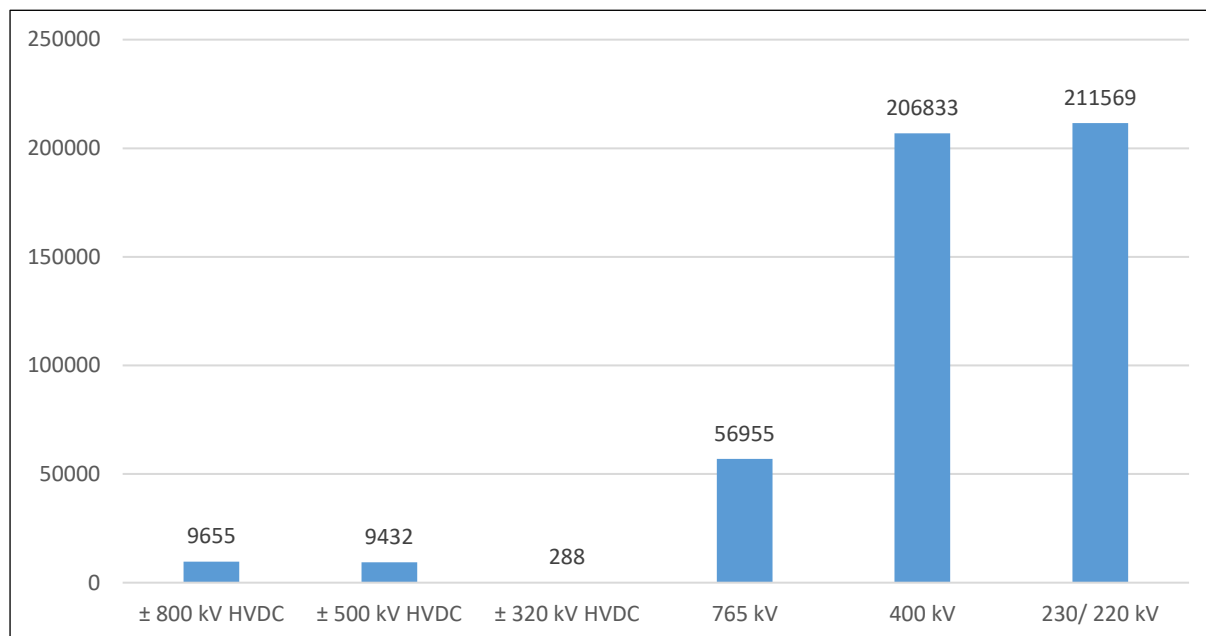
**GROWTH SUMMARY OF TRANSMISSION LINES (220 kV & above)**

- ❖ Total Transmission Line Capacity addition during the Month : **358 ckm**
- ❖ Total Transmission Line Capacity addition during the FY 2025-26 : **358 ckm**
- ❖ Total Transmission Line Capacity (220 kV & above) in the Country : **4,94,732 ckm**
- ❖ Total Inter-Regional Capacity in the country : **1,18,740 MW**

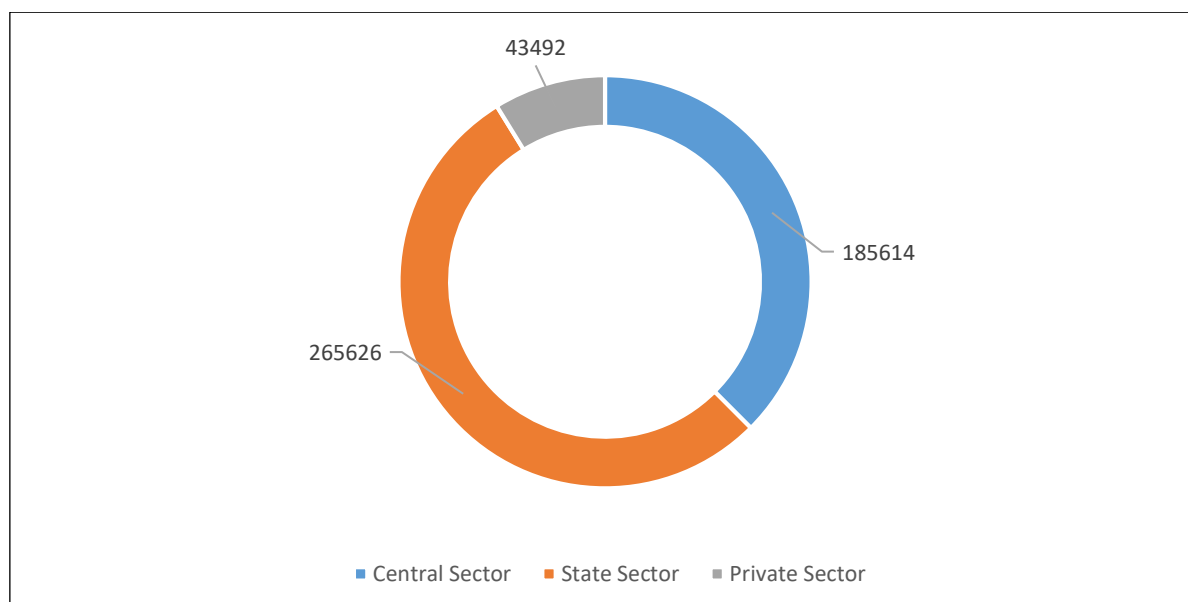
**Plan-Wise Cumulative Transmission Lines Length (in ckm)**



### **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 March-2025      | 9655          | 0     | 0           | 9655  | 5948          | 1504  | 1980        | 9432  | 288           | 0     | 0           | 288   | 41576   | 2846  | 12533       | 56955 | 113795  | 67650 | 25347       | 206792 | 14352       | 193279 | 3621        | 211252 | 185614      | 265279 | 43481       | 494374 |
| Up to April-2025      | 9655          | 0     | 0           | 9655  | 5948          | 1504  | 1980        | 9432  | 288           | 0     | 0           | 288   | 41576   | 2846  | 12533       | 56955 | 113795  | 67680 | 25358       | 206833 | 14352       | 193596 | 3621        | 211569 | 185614      | 265626 | 43492       | 494732 |

### **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 March-2025                    | 22,530       | 21,190       | 38,320       | 7,830        | 22,320       | 3,550         | 3,000         | 1,18,740     |
| Up to 30 <sup>th</sup> April - 2025 | 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) added during the FY**

**(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                                       | 13898         | 12402              | 26300         |
| 2017-18                                       | 10157         | 12962              | 23119         |
| 2018-19                                       | 10681         | 11756              | 22437         |
| 2019-20                                       | 6756          | 4908               | 11664         |
| 2020-21                                       | 7181          | 9569               | 16750         |
| 2021-22                                       | 6095          | 8800               | 14895         |
| 2022-23                                       | 4706          | 9919               | 14625         |
| 2023-24                                       | 6283          | 7920               | 14203         |
| 2024-25                                       | 3652          | 5178               | 8830          |
| 2025-26 (Up to 30 <sup>th</sup> April - 2025) | 0             | 358                | 358           |
| <b>As of 30<sup>th</sup> April - 2025</b>     | <b>214384</b> | <b>280348</b>      | <b>494732</b> |