

**CENTRAL ELECTRICITY AUTHORITY**  
**POWER SYSTEM WING**  
**Power System Project Monitoring Division**  
**Sub-Stations Completed During FY - 2024-25**

As on 31-May-24

| SI No                        | Name of Sub Stations  | Voltage Ratio (kV/kV) | Executing Agency | Capacity (MW/MVA) | Month of Completion |
|------------------------------|---|-----------------------|------------------|-------------------|---------------------|
| 1.                           | 2.  | 3.                    | 4.               | 5.                | 6.                  |
| <b>400 kV</b>                |   |                       |                  |                   |                     |
| <b><u>CENTRAL SECTOR</u></b> |   |                       |                  |                   |                     |
| 1                            | 1X500 MVA 400/220KV ICT-1 at Bikaner-II PS (Phase-IV (Part 1) Bikaner Complex- PART E       | 400/220               | PGCIL            | 500               | MAY-24              |
|                              | <b>TOTAL CENTRAL SECTOR</b>   |                       |                  | <b>500</b>        |                     |
| <b><u>STATE SECTOR</u></b>   |   |                       |                  |                   |                     |
| 2                            | 400 kV S/s Unnao Capacity Aug. (500-315)  | 400/220               | UPPTCL           | 185               | APR-24              |
| 3                            | Kamalapuram Substation (3rd ICT)  | 400/220               | TSTRANSCO        | 315               | APR-24              |
| 4                            | Vellalaviduthi (T/F-I) (400/110 (2X200 MVA)   | 400/110               | TANTRANSCO       | 200               | APR-24              |
| 5                            | Sriperumbudhur 400/230-110 kV SS- capacity enhancement from 3x315 MVA to 3x315MVA+ 1x500MVA | 400/230               | TANTRANSCO       | 500               | MAY-24              |
| 6                            | 400 kV S/s Machhalishahar Jaunpur (New) T/F-III   | 400/220               | UPPTCL           | 315               | MAY-24              |
| 7                            | Thiruvalem 400/230 KV SS- Capacity enhancement from 2x315 to 2x315 + 1x500 MVA              | 400/230               | TANTRANSCO       | 500               | MAY-24              |
|                              | <b>TOTAL STATE SECTOR</b>   |                       |                  | <b>2015</b>       |                     |
|                              | <b>TOTAL 400 kV</b>   |                       |                  | <b>2515</b>       |                     |
| <b>220 kV</b>                |   |                       |                  |                   |                     |
| <b><u>STATE SECTOR</u></b>   |   |                       |                  |                   |                     |
| 8                            | 220/132 kV SS Madanapalli in Chittoor Dist. (3X100-2X100)                                   | 220/132               | APTRANSCO        | 100               | APR-24              |

| SI No | Name of Sub Stations   | Voltage Ratio (kV/kV) | Executing Agency | Capacity (MW/MVA) | Month of Completion |
|-------|--|-----------------------|------------------|-------------------|---------------------|
| 1.    | 2.   | 3.                    | 4.               | 5.                | 6.                  |
| 9     | Jakkanpur (GIS) s/s (160 MVA T/F-II)                           | 220/132               | BSPTCL           | 160               | APR-24              |
| 10    | 220KV Chormar (100 MVA T/F)                                    | 220/132               | HVPNL            | 100               | APR-24              |
| 11    | 220kV I.A. Hisar (160-100)                                     | 220/132               | HVPNL            | 60                | APR-24              |
| 12    | 220 kV S/s Khurja (Capacity Augmentation 160 MVA T/F-III)      | 220/132               | UPPTCL           | 160               | APR-24              |
| 13    | 220 kV S/s Sangipur (New) 160 MVA T/F-II                       | 220/132               | UPPTCL           | 160               | APR-24              |
| 14    | 220 kV S/s Sirathu (Capacity Aug. 160 MVA T/F-III)             | 220/132               | UPPTCL           | 160               | APR-24              |
| 15    | GIS Timarpur (100 MVA T/F)                                     | 220/33                | DTL              | 100               | APR-24              |
| 16    | 220 kV S/s Kanpur South (Capacity Augmentation 60 MVA T/F-III) | 220/33                | UPPTCL           | 60                | APR-24              |
| 17    | 220 kV S/S Bhari (Addl. 100 MVA 220/66 kV PT/f)                | 220/66                | PSTCL            | 100               | APR-24              |
| 18    | 220 kV S/S Botianwala (Addl. 100 MVA 220/66 kV PT/f)           | 220/66                | PSTCL            | 100               | APR-24              |
| 19    | Bairagarh (Bhopal) 220 KV S/s Addl. 1x160MVA X-mer             | 220/132               | MPPTCL           | 160               | MAY-24              |
| 20    | HSIIDC Rai Sonapat 220/33 kV T/F-I                             | 220/33                | HVPNL            | 100               | MAY-24              |
| 21    | 220kV Jambhul (Additional T/F)                                 | 220/22                | MSETCL           | 50                | MAY-24              |
| 22    | HSIIDC Rai Sonapat 220/132 kV T/F-II                           | 220/132               | HVPNL            | 160               | MAY-24              |
| 23    | 220 kV S/s Bhadaura Ghazipur (New) T/F-II                      | 220/132               | UPPTCL           | 100               | MAY-24              |
| 24    | 220 kV S/s Mainpuri (Capacity Augmentation) T/F-III (160-100)  | 220/132               | UPPTCL           | 60                | MAY-24              |
| 25    | 220 kV S/s Khorabar Gorakhpur (New) T/F-II                     | 220/33                | UPPTCL           | 60                | MAY-24              |
| 26    | 220kV GSS Bap (Additional T/F)                                 | 220/132               | RVPNL            | 160               | MAY-24              |
| 27    | Sonta ss (160-100 MVA)   | 220/66                | HVPNL            | 60                | MAY-24              |
| 28    | 220 kV S/S Banur (Aug. of 1x100 MVA T/F with 1x160 MVA T/F)    | 220/66                | PSTCL            | 60                | MAY-24              |
| 29    | Addl 100 MVA 220/66 KV T/F at 220 KV S/S Naraingarh (N-1)      | 220/66                | PSTCL            | 100               | MAY-24              |
| 30    | 220KV SS Pallantla in West Godavari Dist. (2 x100-1x100)       | 220/132               | APTRANSCO        | 100               | MAY-24              |

| <b>SI No</b> | <b>Name of Sub Stations</b>   | <b>Voltage Ratio (kV/kV)</b> | <b>Executing Agency</b> | <b>Capacity (MW/MVA)</b> | <b>Month of Completion</b> |
|--------------|---|------------------------------|-------------------------|--------------------------|----------------------------|
| <b>1.</b>    | <b>2.</b>   | <b>3.</b>                    | <b>4.</b>               | <b>5.</b>                | <b>6.</b>                  |
| 31           | 220 kV S/s Maharajanj (New) T/F-II  | 220/132                      | UPPTCL                  | 160                      | MAY-24                     |
| 32           | Addl 100 MVA 220/66 KV T/F at 220 KV S/S Badhshahpur                        | 220/66                       | PSTCL                   | 100                      | MAY-24                     |
| 33           | 220/33 KV GSS Balichandrapur Palei  | 220/33                       | OPTCL                   | 20                       | MAY-24                     |
| 34           | Jakkanpur (GIS) s/s (160 MVA T/F-III)                                       | 220/132                      | BSPTCL                  | 160                      | MAY-24                     |
| 35           | 220 kV S/s Jahangirabad Bulandshahr (Capacity Augmentation) T/F-III         | 220/132                      | UPPTCL                  | 160                      | MAY-24                     |
| 36           | 220kV Chalisgaon Substation(1x200 MVA Additional T/F)                       | 220/132                      | MSETCL                  | 200                      | MAY-24                     |
| 37           | Aug. of 100MVA 220/66kV T/F to 160MVA 220/66kV T/F at 220kV S/Stn Bajakhana | 220/66                       | PSTCL                   | 60                       | MAY-24                     |
| 38           | 220 kV S/s Hata Kushinagar (Capacity Augmentation) (160-100)                | 220/132                      | UPPTCL                  | 60                       | MAY-24                     |
| 39           | Penukonda (Gorantla) (GEC-I)  | 220/132                      | APTRANSCO               | 160                      | MAY-24                     |
| 40           | 220/132/33 kV AIS at Andheri (Kala Amb) District Sirmaur H.P.               | 220/132                      | HPPTCL                  | 200                      | MAY-24                     |
|              | <b>TOTAL STATE SECTOR</b>   |                              |                         | <b>3710</b>              |                            |
|              | <b>TOTAL 220 kV</b>   |                              |                         | <b>3710</b>              |                            |
|              | <b>GRAND TOTAL</b>  |                              |                         | <b>6225</b>              |                            |