

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

As on 30-Sep-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. |
| 765 kV | | | | | |
| CENTRAL SECTOR | | | | | |
| 1 | 1x1500MVA ICT at Padghe (GIS) Trans. Network Expansion in Gujarat to increase ATC from ISTS Part B | 765/400 | PGCIL | 1500 | JUN-24 |
| 2 | 1X1500 MVA 765/400 KV (5th) ICT at Fatehgarh-II PS (Rajasthan (8.1 GW) under Phase II- Part- A1) | 765/400 | PGCIL | 1500 | JUL-24 |
| 3 | 1X1500 MVA 765/400 kV ICT (4th) at 765/400 kV Bhadla-II PS under (Phase -II Part -BI) | 765/400 | PGCIL | 1500 | SEP-24 |
| TOTAL CENTRAL SECTOR | | | | 4500 | |
| TOTAL 765 kV | | | | 4500 | |
| 400 kV | | | | | |
| CENTRAL SECTOR | | | | | |
| 4 | 1X500 MVA 400/220 kV ICT-1 at Bikaner-II PS (Phase-IV (Part 1) Bikaner Complex- PART E | 400/220 | PGCIL | 500 | MAY-24 |
| 5 | Shifting of ICT from Ludiana to Bhinmal(PG) SS (Aug. of T/F capacity at Bhinmal (PG) SS by ICT 3rd) | 400/220 | PGCIL | 315 | JUN-24 |
| 6 | 1X500MVA ICT(4TH) at ARASUR s/s (Aug. of T/F Capacity by 500 MVA ICT(4th) at Arasur) | 400/230 | PGCIL | 500 | JUN-24 |
| 7 | 1X500 MVA, 400/220 kV ICT-2 at Bikaner-II PS (Phase-IV (Part 1) Bikaner Complex- PART E) | 400/220 | PGCIL | 500 | JUL-24 |
| 8 | 1X500 MVA 400/220 kV (2nd) ICT at Shikrapur (PG) GIS under Western Region Expansion Scheme- | 400/220 | PGCIL | 500 | AUG-24 |
| 9 | 220KV GIS Infrastructure at MTPS | 400/220 | DVC | 315 | AUG-24 |
| 10 | 1x500 MVA 400/220 kV ICT 3rd at Bikaner PS to Cater N-1 Contingency at Bikaner PS (Rajasthan) | 400/220 | PGCIL | 500 | AUG-24 |
| 11 | 1X500 MVA, 400/220 kV (4th) ICT at Mysore under Aug. of transformation capacity at Mysore | 400/220 | PGCIL | 500 | SEP-24 |
| 12 | 1X500 MVA, 400/220 kV (2nd) ICT at Raipur Pool S/s (WRES XXVIII (Project: WRES-XXVIII & WRES-XXIX) | 400/220 | PGCIL | 500 | SEP-24 |
| 13 | 1X500 MVA, 400/220 kV (1st) ICT at Shikrapur (PG) GIS under Western Region Expansion Scheme-XXVI | 400/220 | PGCIL | 500 | SEP-24 |
| 14 | 1X500 MVA, 400/220 kV (1st) ICT at Raipur Pool S/s (WRES XXVIII (Project: WRES-XXVIII & WRES-XXIX) | 400/220 | PGCIL | 500 | SEP-24 |
| 15 | Aug. by 1x500 MVA 400/220 kV ICT (3rd) at 400/220 kV Jind (PG) S/s under Aug. of ISTS for HVPNL TS | 400/220 | PGCIL | 500 | SEP-24 |
| 16 | 1x500 MVA ICT (3rd) at 400/220 kV Bahadurgarh (PG) S/s under Aug. of ISTS of HVPNL TS | 400/220 | PGCIL | 500 | SEP-24 |
| TOTAL CENTRAL SECTOR | | | | 6130 | |

| STATE SECTOR | | | | | |
|-----------------------|--|---------|------------|--------------|--------|
| 17 | Vellalaviduthi (T/F-I) (400/110 (2X200 MVA) | 400/110 | TANTRANSCO | 200 | APR-24 |
| 18 | Kamalapuram Substation (3rd ICT) | 400/220 | TSTRANSCO | 315 | APR-24 |
| 19 | 400 kV S/s Dahi Chaoki Unnao (Capacity Aug.) (500-315) | 400/220 | UPPTCL | 185 | APR-24 |
| 20 | Sriperumbudhur 400/230-110 kV SS- capacity enhancement from 3x315 MVA to 3x315MVA+ 1x500MVA | 400/230 | TANTRANSCO | 500 | MAY-24 |
| 21 | 400 kV S/s Machhalishahar Jaunpur (New) T/F-III | 400/220 | UPPTCL | 315 | MAY-24 |
| 22 | Thiruvalem 400/230 KV SS- Capacity enhancement from 2x315 to 2x315 + 1x500 MVA | 400/230 | TANTRANSCO | 500 | MAY-24 |
| 23 | Alamathy 400/230-110 kV SS (enhancement of capacity at from 2x200 MVA to 3x200 MVA | 400/110 | TANTRANSCO | 200 | JUN-24 |
| 24 | 400 kV S/s Motiram Adda Gorakhpur Capacity Aug. (500-240) T/F-II | 400/220 | UPPTCL | 260 | JUN-24 |
| 25 | Kayathar 400/230-110 KV SS | 400/110 | TANTRANSCO | 200 | JUL-24 |
| 26 | 400 kV S/S Ropar (1x500 MVA) 2nd T/F | 400/220 | PSTCL | 500 | AUG-24 |
| 27 | 400 kV S/S Ropar (1x500 MVA) 1st T/F | 400/220 | PSTCL | 500 | AUG-24 |
| | TOTAL STATE SECTOR | | | 3675 | |
| PRIVATE SECTOR | | | | | |
| 28 | Vapi -II (Western Region Strengthening Scheme-XIX (WRSS-XIX and NERSS - IX) | 400/220 | STERLITE | 1000 | SEP-24 |
| 29 | Gadag PS (Trans Scheme for Solar Energy Zone in Gadag (1000 MW) Karnataka Part-A Phase-I) | 400/220 | RENEW | 1000 | SEP-24 |
| | TOTAL PRIVATE SECTOR | | | 2000 | |
| | TOTAL 400 kV | | | 11805 | |
| 230 kV | | | | | |
| STATE SECTOR | | | | | |
| 30 | Siruseri 230 KV SS (enhancement of capacity from 2x100MVA to 3x100MVA) | 230/110 | TANTRANSCO | 100 | JUN-24 |
| 31 | Karuppur (T/F- II) | 230/110 | TANTRANSCO | 100 | JUN-24 |
| 32 | Selvapuram 230/110 kV SS (T/F-I) | 230/110 | TANTRANSCO | 100 | JUL-24 |
| 33 | Karaikudi 230/110 kV SS (50 MVA to 100MVA enhancement) | 230/110 | TANTRANSCO | 50 | AUG-24 |
| | TOTAL STATE SECTOR | | | 350 | |
| | TOTAL 230 kV | | | 350 | |
| 220 kV | | | | | |
| CENTRAL SECTOR | | | | | |
| 34 | 1X200 MVA 220/132 kV (4th) ICT at Ara POWERGRID S/S under ER Expansion Scheme-XXXVI (ERES-XXXVI) | 220/132 | PGCIL | 200 | AUG-24 |
| | TOTAL CENTRAL SECTOR | | | 200 | |
| STATE SECTOR | | | | | |
| 35 | 220 kV S/S Botianwala (Addl. 100 MVA 220/66 kV PT/f) | 220/66 | PSTCL | 100 | APR-24 |
| 36 | 220/132 kV SS Madanapalli in Chittoor Dist. (3X100-2X100) | 220/132 | APTRANSCO | 100 | APR-24 |
| 37 | Jakkanpur (GIS) s/s (160 MVA T/F-II) | 220/132 | BSPTCL | 160 | APR-24 |
| 38 | 220KV Chormar (100 MVA T/F) | 220/132 | HVPNL | 100 | APR-24 |
| 39 | 220kV I.A. Hisar (160-100) | 220/132 | HVPNL | 60 | APR-24 |
| 40 | 220 kV S/s Khurja (Capacity Augmentation 160 MVA T/F-III) | 220/132 | UPPTCL | 160 | APR-24 |
| 41 | 220 kV S/s Sangipur (New) 160 MVA T/F-II | 220/132 | UPPTCL | 160 | APR-24 |

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| 42 | 220 kV S/s Sirathu (Capacity Aug. 160 MVA T/F-III) | 220/132 | UPPTCL | 160 | APR-24 |
| 43 | GIS Timarpur (100 MVA T/F) | 220/33 | DTL | 100 | APR-24 |
| 44 | 220 kV S/s Kanpur South (Capacity Augmentation 60 MVA T/F-III) | 220/33 | UPPTCL | 60 | APR-24 |
| 45 | 220 kV S/S Bhari (Addl. 100 MVA 220/66 kV PT/f) | 220/66 | PSTCL | 100 | APR-24 |
| 46 | Bairagarh (Bhopal) 220 KV S/s Addl. 1x160MVA X-mer | 220/132 | MPPTCL | 160 | MAY-24 |
| 47 | 220 kV S/s Bhadaura Ghazipur (New) T/F-II | 220/132 | UPPTCL | 100 | MAY-24 |
| 48 | 220kV Jambhul (Additional T/F) | 220/22 | MSETCL | 50 | MAY-24 |
| 49 | HSIIDC Rai Sonapat 220/132 kV T/F-II | 220/132 | HVPNL | 160 | MAY-24 |
| 50 | HSIIDC Rai Sonapat 220/33 kV T/F-I | 220/33 | HVPNL | 100 | MAY-24 |
| 51 | 220 kV S/s Mainpuri (Capacity Augmentation) T/F-III (160-100) | 220/132 | UPPTCL | 60 | MAY-24 |
| 52 | 220 kV S/s Khorabar Gorakhpur (New) T/F-II | 220/33 | UPPTCL | 60 | MAY-24 |
| 53 | 220kV GSS Bap (Additional T/F) | 220/132 | RVPNL | 160 | MAY-24 |
| 54 | Sonta ss (160-100 MVA) | 220/66 | HVPNL | 60 | MAY-24 |
| 55 | 220 kV S/S Banur (Aug. of 1x100 MVA T/F with 1x160 MVA T/F) | 220/66 | PSTCL | 60 | MAY-24 |
| 56 | Addl 100 MVA 220/66 KV T/F at 220 KV S/S Naraingarh (N-1) | 220/66 | PSTCL | 100 | MAY-24 |
| 57 | 220KV SS Pallantla in West Godavari Dist. (2 x100-1x100) | 220/132 | APTRANSCO | 100 | MAY-24 |
| 58 | Addl 100 MVA 220/66 KV T/F at 220 KV S/S Badhshahpur | 220/66 | PSTCL | 100 | MAY-24 |
| 59 | 220 kV S/s Maharajganj (New) T/F-II | 220/132 | UPPTCL | 160 | MAY-24 |
| 60 | 220/33 KV GSS Balichandrapur Palei | 220/33 | OPTCL | 20 | MAY-24 |
| 61 | Jakkanpur (GIS) s/s (160 MVA T/F-III) | 220/132 | BSPTCL | 160 | MAY-24 |
| 62 | 220 kV S/s Jahangirabad Bulandshahr (Capacity Augmentation) T/F-III | 220/132 | UPPTCL | 160 | MAY-24 |
| 63 | 220 kV S/s Hata Kushinagar (Capacity Augmentation) (160-100) | 220/132 | UPPTCL | 60 | MAY-24 |
| 64 | Aug. of 100MVA 220/66kV T/F to 160MVA 220/66kV T/F at 220kV S/Stn Bajakhana | 220/66 | PSTCL | 60 | MAY-24 |
| 65 | Penukonda (Gorantla) (GEC-I) | 220/132 | APTRANSCO | 160 | MAY-24 |
| 66 | 220kV Chalisgaon Substation(1x200 MVA Additional T/F) | 220/132 | MSETCL | 200 | MAY-24 |
| 67 | 220/132/33 kV AIS at Andheri (Kala Amb) District Sirmaur H.P. | 220/132 | HPPTCL | 200 | MAY-24 |
| 68 | Aug 100 to 160 MVA at 220 KV S/S Kartarpur | 220/66 | PSTCL | 60 | JUN-24 |
| 69 | Krishnagiri S/s (T/F-II) | 220/33 | APTRANSCO | 50 | JUN-24 |
| 70 | 220 kV S/s Knowledge Park-5 Gr. Noida GB Nagar (New) T/F-II | 220/132 | UPPTCL | 160 | JUN-24 |
| 71 | 220/33kV New Timber Market GIS (Panvel -II)(50 MVA T/F) | 220/33 | MSETCL | 50 | JUN-24 |
| 72 | Patan (Upgradation of existing 132/33 KV S/s by 220/132 KV S/s) | 220/132 | CSPTCL | 320 | JUN-24 |
| 73 | 220/132/33kV Ajaygarh S/s (TBCB) | 220/132 | MPPTCL | 320 | JUN-24 |
| 74 | 220kV SS Kuppam in Chittoor District (3x100-2x100) | 220/132 | APTRANSCO | 100 | JUN-24 |
| 75 | 220 kV SS AP Carbides in Kurnool District (3x160+1x100 - 2x160 +1x100) | 220/132 | APTRANSCO | 160 | JUL-24 |
| 76 | HSIIDC Rai Sonapat (220/33 kV 100 MVA T/F-II)(charged on 02-05-2024 however late reported by HVPNL) | 220/33 | HVPNL | 100 | JUL-24 |
| 77 | 220 kV Talangpor | 220/66 | GETCO | 60 | JUL-24 |
| 78 | 220 kV S/S Gurdaspur (1x100 MVA) (Upgraded from 132 KV to 220 KV) | 220/66 | PSTCL | 100 | JUL-24 |
| 79 | Aug. of 100 MVA T/F to 160 MVA T/F at 220 kV SS Mandi Gobindgarh G-3 | 220/66 | PSTCL | 60 | JUL-24 |

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| 80 | 220kV GIS Substation at Timarpur (100 MVA T/F-II) | 220/33 | DTL | 100 | JUL-24 |
| 81 | 220 kV S/s Metro Depot Gr. Noida GB Nagar (New) T/F-I and T/F-II | 220/132 | UPPTCL | 320 | JUL-24 |
| 82 | 220 kV S/s Kanduni Sitapur (New) T/F-II | 220/132 | UPPTCL | 200 | JUL-24 |
| 83 | 220 kV S/s Darshan Nagar Ayodhya (New) T/F-I | 220/132 | UPPTCL | 160 | JUL-24 |
| 84 | 220 kV GSS Khinvsar (replacement of 100 MVA T/F with 160 MVA T/F) | 220/132 | RVPNL | 60 | JUL-24 |
| 85 | 220/132/33KV Turmunga GSS (1st 160 MVA Auto Transformer) | 220/132 | OPTCL | 160 | JUL-24 |
| 86 | 220/132/33kV Kuammunda GSS (2nd 160 MVA Auto transformer) | 220/132 | OPTCL | 160 | JUL-24 |
| 87 | 220kV Walchandnagar substation (replacement of 100 MVA by 200 MVA T/F) | 220/132 | MSETCL | 100 | JUL-24 |
| 88 | Construction of Begamganj SS (TBCB) (charged on 24-04-2024 however late reported by MPPTCL) | 220/132 | MPPTCL | 320 | JUL-24 |
| 89 | 220 kV Besan | 220/66 | GETCO | 320 | AUG-24 |
| 90 | 220 kV Tembhorni substation (replacement of 25 MVA by 100 MVA T/F) | 220/33 | MSETCL | 25 | AUG-24 |
| 91 | Food Park (T/F-I) 220 KV GIS | 220/132 | WBSETCL | 160 | AUG-24 |
| 92 | Food Park (T/F-II) 220 KV GIS | 220/132 | WBSETCL | 160 | AUG-24 |
| 93 | 220 kV S/s Pahadi Chitrakoot (Capacity Augmentation) | 220/132 | UPPTCL | 160 | AUG-24 |
| 94 | 220 kV GSS Heerapura (replacement of 100 MVA T/F with 160 MVA) | 220/132 | RVPNL | 60 | AUG-24 |
| 95 | 220 kV Nalasopara substation (additional 100 MVA T/F) | 220/22 | MSETCL | 100 | AUG-24 |
| 96 | 220kV Samain | 220/33 | HVPNL | 100 | AUG-24 |
| 97 | Keonics (Electronic City): 2x150 MVA ICT | 220/66 | KPTCL | 300 | SEP-24 |
| 98 | 220/33 kV Shendra GIS (DMIC)(2X50 MVA T/F) | 220/33 | MSETCL | 100 | SEP-24 |
| 99 | 220 kV S/s Debai Bulandshaher (Capacity Augmentation) | 220/132 | UPPTCL | 160 | SEP-24 |
| 100 | 220 kV GIS Transport Hub, Sector-8 IMT Manesar | 220/66 | HVPNL | 100 | SEP-24 |
| 101 | 220 kV Jeur (Replacement of 100 MVA T/F with 200 MVA T/F) | 220/132 | MSETCL | 100 | SEP-24 |
| 102 | 220 kV GSS Nimbahera (replacement of existing 100 MVA T/F with 160 MVA T/F) | 220/132 | RVPNL | 60 | SEP-24 |
| 103 | 220 kV Sandhwan S/s | 220/66 | PSTCL | 100 | SEP-24 |
| | TOTAL STATE SECTOR | | | 8835 | |
| | TOTAL 220 kV | | | 9035 | |
| | GRAND TOTAL | | | 25690 | |