

CENTRAL ELECTRICITY AUTHORITY
POWER SYSTEM WING
Power System Project Monitoring Division

Sub-Stations (220 kV and above) Commissioned/Ready for commissioning During -DEC 2024

As on 31-Dec-24

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)
1.	2.	3.	4.	5.
CENTRAL SECTOR				
1	1X500 MVA, (3rd) ICT at Raipur Pool S/s (WRES XXVIII {Project name: WRES-XXVIII & WRES-XXIX})	400/220	PGCIL	500
2	1X500 MVA, ICT-1 at Dharamjaigarh S/s (WRES XXIX {Project name: WRES-XXVIII & WRES-XXIX})	400/220	PGCIL	500
3	1X500 MVA 400/220kV ICT-4 at Bikaner-II PS (Phase-IV (Part 1) Bikaner Complex- PART E)	400/220	PGCIL	500
	Total of CENTRAL SECTOR			1500
STATE SECTOR				
4	Ariyalur (1500 MVA ICT-II)	765/400	TANTRANSCO	1500
5	Jammalamadugu SS in Kadapa Dist	400/220	APTRANSCO	500
6	Latehar SS (2X315 MVA T/F)	400/220	JUSNL	630
7	400 kV Khadka S/s (3x105 MVA ICT)	400/220/33	MSETCL	315
8	400 kV GSS Pachpadra	400/220	RVPNL	500
9	Punganur SS in Chittoor Dist. (T/F-I)	220/132	APTRANSCO	100
10	220 kV Chandrapura (Aug. from 360 to 470 MVA)	220/66	GETCO	110
11	220 kV Jamla (Aug. from 410 MVA to 520 MVA)	220/66	GETCO	110
12	Mera (Mithi Paldi) (T/F-II) (late reported commissioned in Nov-2024)	220/66	GETCO	160
13	220/66 kV Heiling Sub-Station	220/66	HPPTCL	100
14	220 kV Rangala Rajpur (additional 100 MVA)	220/66	HVPNL	100
15	220 kV Fatehabad (augmentation from 100 to 160 MVA)	220/132	HVPNL	60
16	220 kV Rohtak (augmentation from 100 to 160 MVA)	220/132	HVPNL	60
17	GIS Sector-15 II Gurugram (T/F-I)	220/66	HVPNL	160
18	Lohardaga GSS	220/132	JUSNL	300

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)
1.	2.	3.	4.	5.
19	Construction of 220/132 kV substation at Bargawan (TBCB) (late reported commissioned in Sept-2024)	220/132	MPPTCL	320
20	220 kV Vairag S/s (replacement of 2X25 MVA by 2X50 MVA T/F)	220/33	MSETCL	50
21	220 kV Bhigwan S/s (replacement of 25 MVA by 50 MVA T/F)	220/33	MSETCL	25
22	Balichandarpur Palei GSS (T/F-II)	220/33	OPTCL	40
23	220 kV Rajpura SS (Aug. of 100 MVA by 160 MVA)	220/66	PSTCL	60
24	220 kV Gurdaspur SS (T/F-II)	220/66	PSTCL	100
25	220 kV Jhunjhunu GSS (replacement of 100 MVA T/F by 160 MVA)	220/132	RVPNL	60
26	Sirsaganj Firozabad S/s (Capacity Augmentation)	220/132	UPPTCL	160
	Total of STATE SECTOR			5520
PRIVATE SECTOR				
27	Augmentation of transformation capacity 1X500 MVA ICT (3rd) at patran (GIS) S/s (RTM)	400/220	INDIGRID	500
	Total of PRIVATE SECTOR			500
	Grand Total			7520