

CENTRAL ELECTRICITY AUTHORITY
POWER SYSTEM WING
Power System Project Monitoring Division

Sub-Stations (220 kV and above) Commissioned/Ready for commissioning During -MAR 2025

As on 31-Mar-25

Sl No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)
1.	2.	3.	4.	5.
CENTRAL SECTOR				
1	Kurnool-III (ICT3)(Trans. Sys. for Kurnool Wind Energy Zone/ Solar Energy Zone (AP)-Part-A & Part-B)	765/400	PGCIL	1500
2	Kurnool-III (ICT1&2)(Trans. Sys. for Kurnool Wind Energy Zone/Solar Energy Zone (AP)-Part-A & B)	765/400	PGCIL	3000
3	Navsari SS (ICT 1& 2) (Trans. Network Expansion in Gujarat to increase its ATC from ISTS Part B)	400/220	PGCIL	1000
4	Kurnool-III (ICT-1to4, 6&7)(Trans. Sys. for Kurnool Wind Energy Zone/Solar Energy Zone(AP)-Part-A&B)	400/220	PGCIL	3000
5	1X500 MVA, 400/220 kV ICT (3rd) ICT at Bikaner-II PS (8th ICT) (Aug. at Bikaner-II PS ICT(3rd)-PBTSL	400/220	PGCIL	500
Total of CENTRAL SECTOR				9000
STATE SECTOR				
6	Augmentation of 400 kV SS Maradam at Vizianagaram Dist	400/220	APTRANSCO	500
7	Augmentation of 400 kV SS Narnoor at Kurnool Dist	400/220	APTRANSCO	500
8	400/220/132 kV GIS Bakhtiyarpur (2x500 MVA)	400/220/132	BSPTCL	1000
9	Kurud (Dhamtari)	400/220	CSPTCL	315
10	400 kV Kharghar substation (3x167 MVA, 400/220/33 kV ICT)	400/220/33	MSETCL	500
11	400 kV Padghe substation (3x167 MVA, 400/220/33 kV ICT)	400/220/33	MSETCL	500
12	400 kV GSS Jaisalmer-2 (Bhensara) (MVA, 3x500)	400/220/33	RVPNL	1500
13	Kadalangudi 230/110 kV SS (enhancement from 100 MVA to 160 MVA)	230/110	TANTRANSCO	60
14	Cuddalore 230/110 kV S/S(Enhancement from 100	230/110	TANTRANSCO	60

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)
1.	2.	3.	4.	5.
	MVA to 160 MVA)			
15	220 kV SS Nidadavole at West Godavari Dist	220/132	APTRANSCO	60
16	220 kV SS Narasaraopeta at Guntur District	220/132	APTRANSCO	60
17	Augmentation of 400 kV SS Rachaganneri at Chittoor Dist	220/132	APTRANSCO	160
18	400/220/132 kV GIS Bakhtiyarpur (1x160 MVA)	220/132	BSPTCL	160
19	220/132/33 kV GSS Thakurganj (1x160 MVA)	220/132	BSPTCL	160
20	400 kV Vadavi	220/66	GETCO	60
21	220 kV Deodar (Vakha)	220/66	GETCO	60
22	220 kV Ghodasar	220/66	GETCO	160
23	220 kV Jangral	220/66	GETCO	160
24	220 kV Kukma	220/66	GETCO	100
25	220 kV Mitha	220/66	GETCO	100
26	220 kV Sarigam (Upgradation 66kV)	220/66	GETCO	320
27	220 kV Sisrana	220/66	GETCO	160
28	220 kV Tappar	220/66	GETCO	160
29	220 kV Sector-15-II Gurugram (2nd T/F)	220/66	HVPNL	160
30	220 kV Tepla	220/66	HVPNL	60
31	220 kV Sector-32 Panchkula	220/66	HVPNL	100
32	220 kV Harfali (New)	220/66	HVPNL	200
33	Hosakote (Ekarajapura) Providing Additional 1X100 MVA, 220/66 kV Transformer	220/66	KPTCL	100
34	Basarkod (Establishing 2x100 MVA, 220/110 kV Sub-station)	220/110	KPTCL	100
35	220 kV GIS Pathnamhitta	220/110	KSEB	100
36	Malanpur 220 kV s/s Repl of 160 MVA by new 200 MVA X-mer	220/132	MPPTCL	40
37	220 kV Five star MIDC substation (1x50 MVA, 220/33kV T/F)	220/33	MSETCL	50
38	220 kV Colourchem substation (1 x(100-50) MVA, 220/22-22 kV)	220/22	MSETCL	50
39	220 kV Colourchem substation (1x(100-50) MVA, 220/22-22 kV)	220/22	MSETCL	50

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)
1.	2.	3.	4.	5.
40	220 kV Jambhul substation (1 x50 MVA, 220/22 kV T/F)	220/22	MSETCL	50
41	220 kV Tilwani substation (1X 100 MVA, 220/33 kV T/F)	220/22	MSETCL	100
42	220 kV Anand Nagar substation (1x(100-50) MVA, 220/22-22 kV)	220/22	MSETCL	50
43	400 kV Lonikand-I substation (1x50 MVA, 220/33 kV T/F)	220/33	MSETCL	50
44	220 kV Nagewadi substation (1X 50 MVA, 220/33 kV T/F)	220/33	MSETCL	50
45	220 kV GIS S/s Baram	220/33	PTCUL	50
46	220 kV GSS Aspur	220/132	RVPNL	100
47	220 kV GSS, Bansur	220/132	RVPNL	100
48	220 kV GSS, Bhiwadi	220/132	RVPNL	100
49	220 kV GSS IG Nagar (160-100) =60	220/132	RVPNL	60
50	220 kV GSS, Ratangarh	220/132	RVPNL	100
51	220 kV GSS Suratgarh (160-100) =60	220/132	RVPNL	60
52	220/132/33 kV S/S, Bowrampet	220/33	TSTRANSCO	50
53	220 kV Mahabubabad S/S	220/132	TSTRANSCO	100
54	220 kV S/s Boner, Aligarh (Capacity Augmentation) (160-100)	220/132	UPPTCL	60
55	220 kV S/s Pratap Vihar, Ghaziabad (Capacity Augmentation) (160-100)	220/132	UPPTCL	60
56	220 kV S/s Faridpur, Bareilly (New T/F-II)	220/132	UPPTCL	100
Total of STATE SECTOR				9065
PRIVATE SECTOR				
57	Aug. of Khavda PS1 by 2X1500 MVA,765/400kV ICT (MVA:6000) (Late reported-commisioned in Feb 2025)	765/400	MEGHA	3000
58	ACME Solar Holdings limited PS at Jaisalmer (4x315 MVA) (Late reported, commissioned in Oct-24)	400/33	ACME	1260
59	Adani Green Energy Limited (PSS-13) at Khavda RE Park Gujarat (Late Reported Commissioned Jan-25)	400/33	ADANIGREEN	1320
60	Adani Green Energy Limited (PSS-05) at Khavda	400/33	ADANIGREEN	660

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)
1.	2.	3.	4.	5.
	RE Park Gujarat (Late Reported Comm. Apr-24)			
61	Adani Green Energy Limited (PSS-04) at Khavda RE Park Gujarat (Late Reported Comm. Feb-25)	400/33	ADANIGREEN	660
62	Adani Renewable Energy Holding Four Limited at Badi Sid,Rajasthan (Late Reported Comm. Sep-24)	400/33	AREHFL	660
63	RGESL Pooling S/S at Solapur, Maharashtra (Late Reported Commissioned Jan-25)	400/33	Renew Green Energy	225
64	Sarjan Realities Private Limited at (PSS-09) Khavda RE Park Gujarat ((Late Reported Comm. Nov-24)	400/33	Sarjan Realities	660
65	Adani Renewable Energy Holding Four Limited at Bhimsar, Rajasthan ((Late Reported Comm. Nov-24)	220/33	AREHFL	500
66	RSJPL Pooling S/S at Jaisalmer	220/33	Renew Surya Jyoti	210
67	RSRPL Pooling S/S (Late Reported Commissioned May-24)	220/33	Renew Surya Roshni	200
68	RSVPL Pooling S/S at Jaisalmer	220/33	Renew Surya Vihaan	200
69	M/s Sembcorp Green Infra Private Limiteds generation (PS) at Koppal (Late Reported Comm. Sep-24)	220/33	Sembcorp Green Infra	320
70	Serentica Renewables India Private Limited(SRIPL) PS at Bikaner,Rajasthan(Late Reported Apr-24)	220/33	Serentica Renewables	550
71	Serentica Renewables India1 Private Limited (SRI1PL)PS atKoppal,Karnataka (Late Reported Comm.May-24)	220/33	Serentica Renewables	300
72	Vena Energy Vidyuth Private Limited PS in Jumlapura Village,Koppal (Late Reported, Comm. Oct-24)	220/132	Vena Energy Vidyuth	160
Total of PRIVATE SECTOR				10885
Grand Total				28950