

CENTRAL ELECTRICITY AUTHORITY
POWER SYSTEM WING
Power System Project Monitoring Division
Substations Completed During FY- 2025-26

As on 31-October-25

Sl No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	ISTS / Intra State	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.	7.
765 kV						
<u>CENTRAL SECTOR</u>						
1	1x1500 MVA, 765/400 kV ICT-1 at Fathehgarh-3 (New Section) under Project Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1	765/400	PGCIL	ISTS	1500	APR-25
2	1x1500 MVA, 765/400 kV ICT-1 at KPS 2 Substation under Project: Establishment of Khavda Pooling Station-2 (KPS2) in Khavda RE Park	765/400	PGCIL	ISTS	1500	APR-25
3	1x1500 MVA, 765/400 kV ICT-1 at KPS3 Substation under Project: Establishment of Khavda Pooling Station-3 (KPS3) in Khavda RE Park (SPV Name: POWERGRID KPS3 TRANSMISSION LIMITED)	765/400	PGCIL	ISTS	1500	JUN-25
4	1x1500 MVA, 765/400 kV ICT-2 at Fathehgarh-3 (New Section) under Project: Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1- Given to PRTL (POWERGRID Ramgarh Transmission Limited)	765/400	PGCIL	ISTS	1500	JUN-25
5	2x1500 MVA, 765/400 kV ICT-1 & 2 at Navsari (New) Substation under Project: Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B	765/400	PGCIL	ISTS	3000	APR-25
6	2x1500 MVA, 765/400 kV ICT-2 & 3 at KPS3 Substation under Project: Establishment of Khavda Pooling Station-3 (KPS3) in Khavda RE Park (SPV Name: POWERGRID KPS3 TRANSMISSION LIMITED)	765/400	PGCIL	ISTS	3000	Jul-25
7	1x1500 MVA, 765/400 kV ICT-2 at KPS2 Substation under Project: Establishment of Khavda Pooling Station-2 (KPS2) in Khavda RE Park (SPV: POWERGRID KPS2 TRANSMISSION LIMITED)	765/400	PGCIL	ISTS	1500	Jul-25

Sl No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	ISTS / Intra State	Capacity (MW/MV A)	Month of Completion
1.	2.	3.	4.	5.	6.	7.
8	1X1500 MVA, 765/400 kV ICT-5th at Raigarh Kotra Section B under Project: Western Region Expansion Scheme-XXV (WRES-XXV)	765/400	PGCIL	ISTS	1500	Jul-25
9	1x1500 MVA, 765/400 kV 4th ICT at Bikaner Substation under Project: Transmission Sysytem for evacuation of Power from Rajasthan Phase-IV Part -I Bikaner Complex Part E	765/400	PGCIL	ISTS	1500	Aug-25
10	1x1500 MVA, 765/400 kV ICT-3 at Fathehgarh-3 (New Section) under Project: Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1- Given to PRTL (POWERGRID Ramgarh Transmission Limited)	765/400	PGCIL	ISTS	1500	Sep-25
11	2x1500 MVA, 765/400 kV ICT-1 & 2 at Ahmedabad New SS under Project: Transmission scheme for evacuation of 4.5GW RE injection at Khavda PS under Phase II- Part C (POWERGRID Khavda II C Transmission Limited)	765/400	PGCIL	ISTS	3000	Sep-25
12	3x1500 MVA, 765/400 kV ICT-1,2 and 3 at Narela GIS under Project: Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part G (SPV Name: POWERGRID Narela Transmission Limited)	765/400	PGCIL	ISTS	4500	Oct-25
	TOTAL CENTRAL SECTOR				25500	
PRIVATE SECTOR						
13	2x1500 MVA ICT (3rd & 4th) at KPS 1 (Augmentation of Khavda PS1 by 4X1500 MVA, 765/400 kV ICT) (Taken Over by Adani)	765/400	MEGHA	ISTS	3000	APR-25
14	Augmentation of transformation capacity at KPS1 (GIS) by 1X1500 MVA, 765/400 kV ICT (8th) on bus section-I	765/400	ADANI	ISTS	1500	Jul-25
	TOTAL PRIVATE SECTOR				4500	
	TOTAL 765 kV				30000	
400 kV						
CENTRAL SECTOR						
15	1x500 MVA, 400/220 kV ICT-1 at Fathehgarh-3 (New Section) under Project: Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1- Given to PRTL (POWERGRID Ramgarh Transmission Limited)	400/220	PGCIL	ISTS	500	Jul-25

Sl No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	ISTS / Intra State	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.	7.
16	1x500 MVA, 400/220 kV (4th) ICT at Nalagarh Substation under Project: Augmentation of Transformation Capacity at 400/220 kV Nalagarh substation by 400/220 kV, 1x500 MVA (4th) ICT	400/220	PGCIL	ISTS	500	Aug-25
17	1x500 MVA, 400/220 kV (3rd) ICT at Hassan Substation under Project: Augmentation of Transformation Capacity at 400/220 kV Hassan Substation in Karnataka by 400/220 kV, 1x500 MVA ICT (3rd)	400/220	PGCIL	ISTS	500	Aug-25
18	1x500 MVA, 400/220 kV ICT-2 at Fathehgarh-3 (New Section) under Project: Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1- Given to PRTL (POWERGRID Ramgarh Transmission Limited)	400/220	PGCIL	ISTS	500	Aug-25
19	Replacement of 315 MVA ICT-3 with 500 MVA ICT at Bawana (DTL) Substation under Project: Replacement of 400/220 kV , 315 MVA ICT-3 with 400/220 kV, 500 MVA ICT at 400/220/66 kV Bawana (DTL) Substation	400/220	PGCIL	ISTS	185	Oct-25
20	1X500 MVA, 400/220 kV ICT-5 at Kurnool-III under Project: Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) – Part-A & Part-B	400/220	PGCIL	ISTS	500	Oct-25
	TOTAL CENTRAL SECTOR				2685	
STATE SECTOR						
21	Julwaniya 400 kV S/s (Aug.)	400/220	MPPTCL	Intra state	500	APR-25
22	Dhanansu (400 kV SS) (Aug.)	400/220	PSTCL	Intra state	500	JUN-25
23	Korattur SS (ICT-II) (upgradation from 230 kV to 400 kV GIS)	400/230	TANTRANSCO	Intra state	500	JUN-25
24	Korattur SS (upgradation from 230 kV to 400 kV GIS) (2X200 MVA)	400/110	TANTRANSCO	Intra state	400	APR-25
25	Korattur SS (upgradation from 230 kV to 400 kV GIS) T/F-I	400/230	TANTRANSCO	Intra state	500	APR-25
26	K.R. Thoppur S/S (Aug.)	400/230	TANTRANSCO	Intra state	500	APR-25
27	Sriperumbudur SS (Aug.) (500-315 MVA)	400/230	TANTRANSCO	Intra state	185	MAY-25
28	Upgradation of Satgachia GIS (from 220 kV SS to 400 kV)	400/220	WBSETCL	Intra state	1000	MAY-25
29	Sattenapalli SS in Guntur Dist (Aug.) (500-315 MVA)	400/220	APTRANSCO	Intra state	185	Jul-25
30	Dhardehi (Bilaspur)SS (2X315 MVA)	400/220	CSPTCL	Intra state	630	Jul-25
31	Khedamara (Bhilai) (Aug.)	400/220	CSPTCL	Intra state	315	Aug-25

Sl No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	ISTS / Intra State	Capacity (MW/MV A)	Month of Completion
1.	2.	3.	4.	5.	6.	7.
32	400 kV Kansari (Aug.)(500-315 MVA)	400/220	GETCO	Intra state	185	Aug-25
33	New Duburi GSS (Aug.)	400/220/33	OPTCL	Intra state	500	Aug-25
34	Ukai	400/220	GETCO	Intra state	500	Sep-25
35	Kalisindh TPS (RVUN) Aug. (500-315 MVA) (Late reported, commissioned in September-2025)	400/220	RRVPNL	Intra state	185	Oct-25
	TOTAL STATE SECTOR				6585	
	PRIVATE SECTOR					
36	Sangod GSS (2X500 MVA) (Intra-state TBCB)	400/220	ADANI	Intra state	1000	APR-25
37	Hazira S/S	400/220	Arcelor Mittal Nippon Steel (formerly Essar)	ISTS	500	Oct-25
	TOTAL PRIVATE SECTOR				1500	
	TOTAL 400 kV				10770	
230 kV						
	STATE SECTOR					
38	Mambakkam SS (T/F-I)	230/110	TANTRANSCO	Intra state	100	MAY-25
39	Ambattur 3rd Main road (Aug.)	230/110	TANTRANSCO	Intra state	100	Jul-25
40	Hosur SS (Aug.)(160-100 MVA)	230/110	TANTRANSCO	Intra state	60	Jul-25
41	230/33 kV Ganesh Nagar GIS SS (2x100 MVA)	230/33	TANTRANSCO	Intra state	200	Aug-25
	TOTAL STATE SECTOR				460	
	TOTAL 230 kV				460	
220 kV						
	CENTRAL SECTOR					
42	2x160 MVA, 220/132 kV ICT-1&2 at Namsai S/S under Project: System Strengthening Scheme for Eastern and North Eastern Regions (SPV Name: POWERGRID ER NER Transmission Limited) NERSS-XV	220/132	PGCIL	ISTS	320	JUN-25
	TOTAL CENTRAL SECTOR				320	
	STATE SECTOR					
43	220 kV Gorantla S/S in Ananthapur Dist	220/132	APTRANSCO	Intra state	160	MAY-25
44	220 kV Racherlapadu SS in Nellore District (Aug.)	220/132	APTRANSCO	Intra state	100	APR-25
45	Pampanurthanda SS in Ananthapur Dist (T/F-II)	220/132	APTRANSCO	Intra state	160	JUN-25
46	Gopalganj SS (Aug.)	220/132	BSPTCL	Intra state	200	APR-25
47	Hajipur (T/F-I)	220/132	BSPTCL	Intra state	200	MAY-25
48	Tajpur SS (2X160 MVA)	220/132	BSPTCL	Intra state	320	JUN-25
49	220 kV Radhanpur (Aug.)(420-310 MVA)	220/66	GETCO	Intra state	110	MAY-25
50	220 kV Talangpore (Aug.) (800-740 MVA)	220/66	GETCO	Intra state	60	MAY-25
51	220 kV GIS Transport Hub, Sector-8 IMT Manesar (T/F-II)	220/66	HVPNL	Intra state	100	APR-25
52	220 kV Palla (Aug.) (160-100 MVA)	220/66	HVPNL	Intra state	60	APR-25
53	Rajokheri SS (Aug.)	220/66	HVPNL	Intra state	160	JUN-25

Sl No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	ISTS / Intra State	Capacity (MW/MV A)	Month of Completion
1.	2.	3.	4.	5.	6.	7.
54	Antharasanahalli (Aug.)(150-100 MVA)	220/66	KPTCL	Intra state	50	MAY-25
55	Basarkod-T/F-II	220/110	KPTCL	Intra state	100	MAY-25
56	Yelburga SS (2x100 MVA)	220/110	KPTCL	Intra state	200	APR-25
57	220 kV Konsari SS (2 x 100 MVA ICTs) (by M/s Lloyds Metal & Energy Ltd.)	220/132	MSETCL	Intra state	200	MAY-25
58	Nagbhid S/s (1 x 100 MVA ICT I)	220/132	MSETCL	Intra state	100	MAY-25
59	Nagbhid S/s (1 x 25 MVA T/F)	220/33	MSETCL	Intra state	25	MAY-25
60	Pardi substation (2 x100 MVA ICTs)	220/132	MSETCL	Intra state	200	MAY-25
61	Mendhasal GSS (Aug.) (40-20 MVA)	220/33	OPTCL	Intra state	20	MAY-25
62	Nayagarh (Aug.) (40-20 MVA)	220/33	OPTCL	Intra state	20	APR-25
63	220 kV Humbran SS (Aug.) (160-100 MVA)	220/66	PSTCL	Intra state	60	APR-25
64	220 kV Mohali-1(Aug.) (160-100 MVA)	220/66	PSTCL	Intra state	60	APR-25
65	Addl 100 MVA at 220 KV S/S Ikolaha	220/66	PSTCL	Intra state	100	JUN-25
66	Moga (Singhawala) (220 kV SS) (Aug.)	220/66	PSTCL	Intra state	100	MAY-25
67	Patti (200 kV S/S) (Aug.)	220/66	PSTCL	Intra state	100	APR-25
68	Sherpur S/S (Aug.)	220/66	PSTCL	Intra state	160	JUN-25
69	Sherpur SS (Upgradation from 66 kV to 220 kV)	220/66	PSTCL	Intra state	160	JUN-25
70	220 kV GSS Danta Ramgarh (Aug.)	220/132	RVPNL	Intra state	100	MAY-25
71	220 kV GSS Gangapur City (Aug.) (160-100 MVA)	220/132	RVPNL	Intra state	60	MAY-25
72	220 kV GSS Sheo (Upgradation)	220/132	RVPNL	Intra state	160	JUN-25
73	220 kV IG Nagar SS (Aug.) (160-100 MVA)	220/132	RVPNL	Intra state	60	APR-25
74	Chandrayanagutta SS (Aug.)	220/132	TSTRANSCO	Intra state	160	APR-25
75	Jurala SS (Aug.)(160-100 MVA)	220/132	TSTRANSCO	Intra state	60	JUN-25
76	Sivarampally (Aug.) (160-100 MVA)	220/132	TSTRANSCO	Intra state	60	APR-25
77	Wanaparthy SS (Aug.)	220/132	TSTRANSCO	Intra state	160	APR-25
78	220 kV Hafizpur S/s, Azamgarh Aug. (200-160 MVA)	220/132	UPPTCL	Intra state	40	APR-25
79	220 kV S/s Banda (Aug.)	220/132	UPPTCL	Intra state	160	MAY-25
80	220 kV S/s Bhelupur, Varanasi (Aug.)	220/33	UPPTCL	Intra state	60	MAY-25
81	400 kV S/s Jaunpur (Machhlishshar) (T/F-II)	220/132	UPPTCL	Intra state	160	MAY-25
82	Chinturu SS in East Godavari District (2nd T/F)	220/33	APTRANSCO	Intra state	50	Jul-25
83	220 kV SS Renigunta in Chittoor Dist (Aug.)(160-100 MVA)	220/132	APTRANSCO	Intra state	60	Jul-25
84	Rajim SS (T/F-II)	220/132	CSPTCL	Intra state	160	Jul-25
85	220 kV Anjar (Augmentation)	220/66	GETCO	Intra state	160	Jul-25
86	220 kV Pachgaon Substation (2 x50 MVA T/F's)	220/33	MSETCL	Intra state	100	Jul-25
87	Turumunga GSS (20 MVA T/F-II)	220/33	OPTCL	Intra state	20	Jul-25
88	Rengali GSS (Aug.) (40-20 MVA)	220/33	OPTCL	Intra state	20	Jul-25
89	Turumunga GSS (160 MVA T/F-II) (Late reported, charged in June-2025)	220/132	OPTCL	Intra state	160	Jul-25
90	220 kV Husnabad SS	220/132	TGTRANSCO	Intra state	100	Jul-25
91	220 kV Siddipet SS (Aug.)(160-100 MVA)	220/132	TGTRANSCO	Intra state	60	Jul-25

Sl No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	ISTS / Intra State	Capacity (MW/MV A)	Month of Completion
1.	2.	3.	4.	5.	6.	7.
92	400 kV Charal (Aug.)	220/66	GETCO	Intra state	160	Aug-25
93	Establishing Salahalli (Bannur) S/s (2X100 MVA)	220/110	KPTCL	Intra state	200	Aug-25
94	Establishing 220/66 kV Mathikere GIS (2x150 MVA)	220/66	KPTCL	Intra state	300	Aug-25
95	Wazirabad S/s (1X160 MVA)	220/66	PSTCL	Intra state	160	Aug-25
96	220 kV GSS Karoli (Upgradation)	220/132	RRVPL	Intra state	160	Aug-25
97	220 KV GSS Phulera	220/132	RRVPL	Intra state	100	Aug-25
98	220/132 kV Ammavaripeta (T/F-II)	220/132	TGTRANSCO	Intra state	100	Aug-25
99	Raghunathpur 220 kV GIS (Upg) (1X160 MVA & 1X150 MVA)	220/132	WBSETCL	Intra state	310	Aug-25
100	220 kV Samalkha SS (Aug.) (160 -100 MVA)	220/132	HVPNL	Intra state	60	Aug-25
101	220 kV Lula Ahir SS (Aug.)	220/33	HVPNL	Intra state	100	Aug-25
102	220 kV Agthala (Augmentation)	220/66	GETCO	Intra state	160	Sep-25
103	Pandhurna 220 kV S/s (Aug.) (200-160 MVA)	220/132	MPPTCL	Intra state	40	Sep-25
104	220 kV S/s Gajraula, Amroha T/F-III (Aug.)	220/132	UPPTCL	Intra state	160	Sep-25
105	220kV S/s Sikandra Rao, Hathras T/F-III (Aug.)	220/132	UPPTCL	Intra state	160	Sep-25
106	Falakata 220 kV GIS	220/132	WBSETCL	Intra state	320	Sep-25
107	220 kV Ramana Ramani SS (2x160 MVA)	220/132	HVPNL	Intra state	320	Sep-25
108	220 kV Ramana Ramani SS (2x100 MVA)	220/33	HVPNL	Intra state	200	Sep-25
109	Urla (Raipur)	220/132	CSPTCL	Intra state	160	Sep-25
110	220 kV SS Bommuru in East Godavari Dist. (Aug.) (160-100 MVA)	220/132	APTRANSCO	Intra state	60	Sep-25
111	220 kV SS Pydibhimavaram in Srikakulam Dist. (Aug.)	220/132	APTRANSCO	Intra state	160	Sep-25
112	220 kV Dhansura(Augmentation)	220/66	GETCO	Intra state	110	Oct-25
113	400 kV Hadala(Augmentation)	220/66	GETCO	Intra state	110	Oct-25
114	Nagarbhavi SS (2x150 MVA)	220/66	KPTCL	Intra state	300	Oct-25
115	White field (Hagadur) GIS: (2X150 MVA)	220/66	KPTCL	Intra state	300	Oct-25
116	Dudda SS (HassanTaluk, Hassan distict): (220/66 kV, 100 MVA T/F)	220/66	KPTCL	Intra state	100	Oct-25
117	Dudda SS (HassanTaluk, Hassan distict): (220/110 kV, 100 MVA T/F)	220/110	KPTCL	Intra state	100	Oct-25
118	220 kV Chakan S/s (1x50 MVA T/F)	220/ 22	MSETCL	Intra state	50	Oct-25
119	220 kV Kaul (Kaithal)	220/132	HVPNL	Intra state	160	Oct-25
120	Racherla SS in chittoor dist.	220/132	APTRANSCO	Intra state	100	Oct-25
121	220 kV S/S Dhandari Kalan-2 (Aug.) (160-100 MVA)	220/66	PSTCL	Intra state	60	Oct-25
122	220 kV Budhlada SS (1X100 MVA T/F)(Upgraded from 66kV to 220 kV)	220/66	PSTCL	Intra state	100	Oct-25
123	220 kV GSS Rayla (Upg.)	220/132	RRVPL	Intra state	160	Oct-25

Sl No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	ISTS / Intra State	Capacity (MW/MV A)	Month of Completion
1.	2.	3.	4.	5.	6.	7.
124	220 kV GSS Dechu (Aug.) (200-100 MVA)	220/132	RRVPL	Intra state	100	Oct-25
125	220 kV S/s Harduaganj, Aligarh (Capacity Augmentation T/F-II)	220/132	UPPTCL	Intra state	160	Oct-25
126	Hajipur (T/F-II -200 MVA)	220/132	BSPTCL	Intra state	200	Oct-25
	TOTAL STATE SECTOR				10915	
	<u>PRIVATE SECTOR</u>					
127	Sangod GSS (Intra-state TBCB)	220/132	ADANI	Intra state	160	APR-25
	TOTAL PRIVATE SECTOR				160	
	TOTAL 220 kV				11395	
	GRAND TOTAL				52625	