

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

As on 31-August-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
	TOTAL CENTRAL SECTOR				16500	
PRIVATE SECTOR						
10	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
11	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				21000	
400 kV						
CENTRAL SECTOR						
12	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
13	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
14	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
15	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

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1.	2.	3.	4.	5.	6.	7.
	TOTAL CENTRAL SECTOR				2000	
STATE SECTOR						
16	Julwaniya 400 kV S/s (Aug.)	400/220	MPPTCL	Intra state	500	APR-25
17	Dhanansu (400 kV SS) (Aug.)	400/220	PSTCL	Intra state	500	JUN-25
18	Korattur SS (ICT-II) (upgradation from 230 kV to 400 kV GIS)	400/230	TANTRANSCO	Intra state	500	JUN-25
19	Korattur SS (upgradation from 230 kV to 400 kV GIS) (2X200 MVA)	400/110	TANTRANSCO	Intra state	400	APR-25
20	Korattur SS (upgradation from 230 kV to 400 kV GIS) T/F-I	400/230	TANTRANSCO	Intra state	500	APR-25
21	K.R. Thoppur S/S (Aug.)	400/230	TANTRANSCO	Intra state	500	APR-25
22	Sriperumbudur SS (Aug.) (500-315 MVA)	400/230	TANTRANSCO	Intra state	185	MAY-25
23	Upgradation of Satgachia GIS (from 220 kV SS to 400 kV)	400/220	WBSETCL	Intra state	1000	MAY-25
24	Sattenapalli SS in Guntur Dist (Aug.) (500-315 MVA)	400/220	APTRANSCO	Intra state	185	Jul-25
25	Dhardehi (Bilaspur)SS (2X315 MVA)	400/220	CSPTCL	Intra state	630	Jul-25
26	Khedamara (Bhilai) (Aug.)	400/220	CSPTCL	Intra state	315	Aug-25
27	400 kV Kansari (Aug.)(500-315 MVA)	400/220	GETCO	Intra state	185	Aug-25
28	New Duburi GSS (Aug.)	400/220/33	OPTCL	Intra state	500	Aug-25
	TOTAL STATE SECTOR				5900	
PRIVATE SECTOR						
29	Sangod GSS (2X500 MVA) (Intra-state TBCB)	400/220	ADANI	Intra state	1000	APR-25
	TOTAL PRIVATE SECTOR				1000	
	TOTAL 400 kV				8900	
230 kV						
STATE SECTOR						
30	Mambakkam SS (T/F-I)	230/110	TANTRANSCO	Intra state	100	MAY-25
31	Ambattur 3rd Main road (Aug.)	230/110	TANTRANSCO	Intra state	100	Jul-25
32	Hosur SS (Aug.)(160-100 MVA)	230/110	TANTRANSCO	Intra state	60	Jul-25
33	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						
34	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						
35	220 kV Gorantla S/S in Ananthapur Dist	220/132	APTRANSCO	Intra state	160	MAY-25

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1.	2.	3.	4.	5.	6.	7.
36	220 kV Racherlapadu SS in Nellore District (Aug.)	220/132	APTRANSCO	Intra state	100	APR-25
37	Pampanurthanda SS in Ananthapur Dist (T/F-II)	220/132	APTRANSCO	Intra state	160	JUN-25
38	Gopalganj SS (Aug.)	220/132	BSPTCL	Intra state	200	APR-25
39	Hajipur (T/F-I)	220/132	BSPTCL	Intra state	200	MAY-25
40	Tajpur SS (2X160 MVA)	220/132	BSPTCL	Intra state	320	JUN-25
41	220 kV Radhanpur (Aug.)(420-310 MVA)	220/66	GETCO	Intra state	110	MAY-25
42	220 kV Talangpore (Aug.) (800-740 MVA)	220/66	GETCO	Intra state	60	MAY-25
43	220 kV GIS Transport Hub, Sector-8 IMT Manesar (T/F-II)	220/66	HVPNL	Intra state	100	APR-25
44	220 kV Palla (Aug.) (160-100 MVA)	220/66	HVPNL	Intra state	60	APR-25
45	Rajokheri SS (Aug.)	220/66	HVPNL	Intra state	160	JUN-25
46	Antharasanahalli (Aug.)(150-100 MVA)	220/66	KPTCL	Intra state	50	MAY-25
47	Basarkod-T/F-II	220/110	KPTCL	Intra state	100	MAY-25
48	Yelburga SS (2x100 MVA)	220/110	KPTCL	Intra state	200	APR-25
49	220 kV Konsari SS (2 x 100 MVA ICTs) (by M/s Lloyds Metal & Energy Ltd.)	220/132	MSETCL	Intra state	200	MAY-25
50	Nagbhid S/s (1 x 100 MVA ICT I)	220/132	MSETCL	Intra state	100	MAY-25
51	Nagbhid S/s (1 x 25 MVA T/F)	220/33	MSETCL	Intra state	25	MAY-25
52	Pardi substation (2 x100 MVA ICTs)	220/132	MSETCL	Intra state	200	MAY-25
53	Mendhasal GSS (Aug.) (40-20 MVA)	220/33	OPTCL	Intra state	20	MAY-25
54	Nayagarh (Aug.) (40-20 MVA)	220/33	OPTCL	Intra state	20	APR-25
55	220 kV Humbran SS (Aug.) (160-100 MVA)	220/66	PSTCL	Intra state	60	APR-25
56	220 kV Mohali-1(Aug.) (160-100 MVA)	220/66	PSTCL	Intra state	60	APR-25
57	Addl 100 MVA at 220 KV S/S Ikolaha	220/66	PSTCL	Intra state	100	JUN-25
58	Moga (Singhawala) (220 kV SS) (Aug.)	220/66	PSTCL	Intra state	100	MAY-25
59	Patti (200 kV S/S) (Aug.)	220/66	PSTCL	Intra state	100	APR-25
60	Sherpur S/S (Aug.)	220/66	PSTCL	Intra state	160	JUN-25
61	Sherpur SS (Upgradation from 66 kV to 220 kV)	220/66	PSTCL	Intra state	160	JUN-25
62	220 kV GSS Danta Ramgarh (Aug.)	220/132	RVPNL	Intra state	100	MAY-25
63	220 kV GSS Gangapur City (Aug.) (160-100 MVA)	220/132	RVPNL	Intra state	60	MAY-25
64	220 kV GSS Sheo (Upgradation)	220/132	RVPNL	Intra state	160	JUN-25
65	220 kV IG Nagar SS (Aug.) (160-100 MVA)	220/132	RVPNL	Intra state	60	APR-25
66	Chandrayanagutta SS (Aug.)	220/132	TSTRANSCO	Intra state	160	APR-25
67	Jurala SS (Aug.)(160-100 MVA)	220/132	TSTRANSCO	Intra state	60	JUN-25
68	Sivarampally (Aug.) (160-100 MVA)	220/132	TSTRANSCO	Intra state	60	APR-25
69	Wanaparthy SS (Aug.)	220/132	TSTRANSCO	Intra state	160	APR-25
70	220 kV Hafizpur S/s, Azamgarh Aug. (200-160 MVA)	220/132	UPPTCL	Intra state	40	APR-25
71	220 kV S/s Banda (Aug.)	220/132	UPPTCL	Intra state	160	MAY-25
72	220 kV S/s Bhelupur, Varanasi (Aug.)	220/33	UPPTCL	Intra state	60	MAY-25

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1.	2.	3.	4.	5.	6.	7.
73	400 kV S/s Jaunpur (Machhlishshar) (T/F-II)	220/132	UPPTCL	Intra state	160	MAY-25
74	Chinturu SS in East Godavari District (2nd T/F)	220/33	APTRANSCO	Intra state	50	Jul-25
75	220 kV SS Renigunta in Chittoor Dist (Aug.)(160-100 MVA)	220/132	APTRANSCO	Intra state	60	Jul-25
76	Rajim SS (T/F-II)	220/132	CSPTCL	Intra state	160	Jul-25
77	220 kV Anjar (Augmentation)	220/66	GETCO	Intra state	160	Jul-25
78	220 kV Pachgaon Substation (2 x50 MVA T/F's)	220/33	MSETCL	Intra state	100	Jul-25
79	Turumunga GSS (20 MVA T/F-II)	220/33	OPTCL	Intra state	20	Jul-25
80	Rengali GSS (Aug.) (40-20 MVA)	220/33	OPTCL	Intra state	20	Jul-25
81	Turumunga GSS (160 MVA T/F-II) (Late reported, charged in June-2025)	220/132	OPTCL	Intra state	160	Jul-25
82	220 kV Husnabad SS	220/132	TGTRANSCO	Intra state	100	Jul-25
83	220 kV Siddipet SS (Aug.)(160-100 MVA)	220/132	TGTRANSCO	Intra state	60	Jul-25
84	400 kV Charal (Aug.)	220/66	GETCO	Intra state	160	Aug-25
85	Establishing Salahalli (Bannur) S/s (2X100 MVA)	220/110	KPTCL	Intra state	200	Aug-25
86	Establishing 220/66 kV Mathikere GIS (2x150 MVA)	220/66	KPTCL	Intra state	300	Aug-25
87	Wazirabad S/s (1X160 MVA)	220/66	PSTCL	Intra state	160	Aug-25
88	220 kV GSS Karoli (Upgradation)	220/132	RRVNL	Intra state	160	Aug-25
89	220 KV GSS Phulera	220/132	RRVNL	Intra state	100	Aug-25
90	220/132 kV Ammavaripeta (T/F-II)	220/132	TGTRANSCO	Intra state	100	Aug-25
91	Raghunathpur 220 kV GIS (Upg) (1X160 MVA & 1X150 MVA)	220/132	WBSETCL	Intra state	310	Aug-25
92	220 kV Samalkha SS (Aug.) (160 -100 MVA)	220/132	HVPNL	Intra state	60	Aug-25
93	220 kV Lula Ahir SS (Aug.)	220/33	HVPNL	Intra state	100	Aug-25
	TOTAL STATE SECTOR				7065	
PRIVATE SECTOR						
94	Sangod GSS (Intra-state TBCB)	220/132	ADANI	Intra state	160	APR-25
	TOTAL PRIVATE SECTOR				160	
	TOTAL 220 kV				7545	
	GRAND TOTAL				37905	