

Sub-Stations Completed During FY - 2023-24					
Sl No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	As on 29-Feb-24	
				Capacity (MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
765 kV					
CENTRAL SECTOR					
1	765/400 1x1500MVA T/F (3rd) at Bikaner(PG)	765/400	PGCIL	1500	Apr-23
2	1x1500MVA 765/400kV ICT (3rd) at Nizamabad (PG) SS (2x1500MVA already existing)	765/400	PGCIL	1500	Jan-24
3	765/400/220kV Extension at Fatehgarh-II 765/400kV, 1500MVA 6th ICT (Transmission system strengthening Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II – Part B1)	765/400	PGCIL	1500	Feb-24
TOTAL CENTRAL SECTOR				4500	
STATE SECTOR					
4	Ariyalur	765/400	TANTRANSCO	1500	Dec-23
5	North Chennai Pooling Station (NCPS) 765/400 kV GIS SS (3x1500MVA)	765/400	TANTRANSCO	4500	Feb-24
TOTAL STATE SECTOR				6000	
PRIVATE SECTOR					
6	Warangal (New) S/S with 2X1500 MVA transformers and 2X240 MVAR bus reactors.	765/400	ADANI	3000	Sep-23
7	Establishment of 3X1500 MVA 765/400 kV Khavda (GIS) with 1X330 MVAR 765 kV bus reactor and 1X125 MVAR 420 kV bus reactor	765/400	ADANI	4500	Feb-24
TOTAL PRIVATE SECTOR				7500	
TOTAL 765 kV				18000	
400 kV					
CENTRAL SECTOR					
8	Extn. at Bhadla-II PS (500MVAICT-2nd 3rd 4th and 5th) at Bikaner (PG) Fategarh-II and Bhadla-II)	400/220	PGCIL	500	May-23
9	1x500MVA400/230kV ICT-5 (4th) at Tuticorin under Evacuation of RE inTirunelveli and Tuticorin WEZ	400/230	PGCIL	500	AUG-23
10	765/400/220kV Extension at Fatehgarh-II (400/220kV 500MVA (9th))	400/220	PGCIL	500	JUL-23
11	Aug. of 1x315MVA 400/220kV ICT to 1x500MVA 400/220kV ICT at Patiala (PG) S/S	400/220	PGCIL	500	JUL-23
12	1x500MVA 400/220kV ICT at Kochi SS	400/220	PGCIL	500	JUL-23
13	1x500 MVA 400/220 kV ICT (3rd) at Sohawal (PG)	400/220	PGCIL	500	JUN-23
14	Replacement of 1x250 MVA 400/220 kV ICT at 765/400/220 kV Moga (PG) S/s with 1x500 MVA 400/220kV ICT	400/220	PGCIL	250	MAY-23
15	Replacement of 1x315 MVA 400/220kV ICT (ICT-1) at 400/220 kV Ludhiana (PG) S/s with 1x500 MVA	400/220	PGCIL	185	MAY-23
16	1x500MVA 400/220kV ICT(7th) at Bhadla-II SS underunder Transmission system strengthening Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II – Part B1	400/220	PGCIL	500	Apr-23
17	1x500MVA 400/220kV ICT (3rd) at Ranchi (PG) S/S	400/220	PGCIL	500	MAY-23

18	Extension 765/400/220kV Bhadla-II PS (500MVA ICT- 5th)(Out of which 3 commissioned)	400/220	PGCIL	500	MAY-23
19	1x 500MVA 400/220kV ICT (2nd) at Fatehgarh-III (Ramgarh-II) under phase-II- Part A	400/220	PGCIL	500	OCT-23
20	1x 500MVA 400/220kV ICT (3rd) at Fatehgarh-III (Ramgarh-II) under phase-II- Part A	400/220	PGCIL	500	OCT-23
21	1x 500MVA 400/220kV ICT (1st) at Fatehgarh-III (Ramgarh-II)	400/220	PGCIL	500	SEP-23
22	1x500MVA 400/220kV ICT (3rd) at Bhatapara (PG)	400/220	PGCIL	500	SEP-23
23	1x 500MVA 400/220kV ICT (4th) at Fatehgarh-III (Ramgarh-II) under Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part A SPV Name: POWERGRID Ramgarh Transmission Limited	400/220	PGCIL	500	Nov/23
24	1x500MVA 400/220kV ICT along with associated bays at Kurukshetra (PG) GIS SS under Augmentation of transformation capacity at 400/220 kV Kurkshetra (PG) Substation & 400/220 kV Patiala Substation	400/220	PGCIL	500	Nov/23
25	1X500MVA 400/220KV ICT (3rd) at Palakkad (PG) SS under Augmentation of Transformation Capacity in Southern Region	400/220	PGCIL	500	Dec/23
26	1X500MVA 400/230KV 4TH ICT at Tuticorin-II GIS S/S Under Evacuation of RE inTirunelveli & Tuticorin WEZ (TN) 500MW	400/230	PGCIL	500	Dec/23
27	1X500MVA 400/220KV ICT-1 at BIKANER-II under RTM-Additional Scope for PBTSL	400/220	PGCIL	500	Jan/24
28	REP.1X315MVA 400/220KV ICT BY 1X500MVA AT TRICHY Under Add Cap Works-NLCT2 Block 2019-24	400/220	PGCIL	185	Jan/24
	TOTAL CENTRAL SECTOR			9620	
STATE SECTOR					
29	Guddigudem SS (LIS) (2x315 MVA)	400/220/11	APTRANSCO	630	APR-23
30	Aug. at Jammalamadugu	400/220	APTRANSCO	500	APR-23
31	Hindupur (ICT 3rd)	400/220	APTRANSCO	315	MAY-23
32	400/220kV SS Hindupur	400/220	APTRANSCO	315	Dec/23
33	Kottayam (T/F - II)	400/220	KSEB	315	AUG-23
34	Kottayam (T/F - I)	400/220	KSEB	315	MAY-23
35	Kirnapur Addl. T/F	400/132	MPPTCL	100	OCT-23
36	New Koyna (Aug) (3x105 MVA)	400/220	MSETCL	315	MAY-23
37	400kV Babhaleshwar Substation (3x167)	400/220/33	MSETCL	500	Feb/24
38	Nakodar (Aug .of 1x315 MVA T/F 1 with 1x500 MVA T/F)	400/220	PSTCL	185	JUN-23
39	400 kV S/S Dhanansu (1x500 MVA)	400/220	PSTCL	500	Jan/24
40	400kV GSS Chittorgarh	400/220	RVPNL	315	Jan/24
41	Vellalaviduthi (2X315)	400/230	TANTRANSCO	315	OCT-23
42	Vellalaviduthi T/F-II	400/230	TANTRANSCO	315	Dec/23
43	400KV Velloor Substation	400/220	TSTRANSCO	185	AUG-23
44	Choutuppal (Ist Transformer)	400/220/132	TSTRANSCO	500	Nov/23
45	Suryapet	400/220	TSTRANSCO	500	Dec/23
46	Dichpally (3x315 MVA to 3x315 +1x500)	400/220	TSTRANSCO	500	Feb/24
47	Sultanpur (Capacity Aug.) T/F-III	400/220	UPPTCL	315	MAY-23
48	Rasra Ballia (New (T/F-II)	400/220	UPPTCL	500	OCT-23

49	400 kV S/s Panki, Kanpur (Capacity Augmentation) (500-315) ICT-I	400/220	UPPTCL	185	Feb/24
50	Sahupuri, Chandauli (New) T/F-II	400/220	UPPTCL	500	Feb/24
51	Durgapur 400KV SS Tr. Aug.	400/220	WBSETCL	315	AUG-23
52	Gokarna 400KV	400/220	WBSETCL	315	Dec/23
	TOTAL STATE SECTOR			8750	
PRIVATE SECTOR					
53	2x500MVA (400/230 kV) Karur Pooling Station	400/230	ADANI	1000	OCT-23
54	3 x 500 MVA ICT GIS Buildings at Vikhroli	400/220	ADANI	1500	OCT-23
55	Pachora Substation ((3x500 MVA T/F)	400/220	G R INFRA	1500	Feb-24
56	Koppal (PS)	400/220	RENEW	1500	OCT-23
57	Augmentation of 400/220 KV Koppal Substation with 2x500 MVA ICTs	400/220	RENEW	1000	Jan-24
	TOTAL PRIVATE SECTOR			6500	
	TOTAL 400 kV			24870	
230 kV					
STATE SECTOR					
58	Kadapperi S/S Aug.(160-100)	230/110	TANTRANSCO	60	APR-23
59	Veerapuram 230 kV	230/110	TANTRANSCO	100	AUG-23
60	Enhancement of Transformer capacity from 50MVA to 100MVA in Eachangadu 230/110KV SS	230/110	TANTRANSCO	50	JUL-23
61	Erode (T/F - II)	230/110	TANTRANSCO	100	JUL-23
62	Thirupathur 230/110 KV (Second 100 MVA ICT)	230/110	TANTRANSCO	100	OCT-23
63	Singapuram S/S (ICT-II)	230/110	TANTRANSCO	100	OCT-23
64	Nokia 230kV (1x100 to 2x100)	230/110	TANTRANSCO	100	OCT-23
65	Kits Park 230/110 KV SS (1x80 to 1x100)	230/110	TANTRANSCO	20	OCT-23
66	Karuppur	230/110	TANTRANSCO	100	OCT-23
67	Athipattu 230kV (1x100 to 2x100)	230/110	TANTRANSCO	100	OCT-23
68	Thiruchuli 230/110 kV SS (Enhancement from 1x50 to 1x100 MVA)	230/110	TANTRANSCO	50	Nov/23
69	Sankarapuram 230/110 kV SS (Additional Transformer from 1x100 to 2x100 MVA)	230/110	TANTRANSCO	100	Nov/23
70	Coimbatore 230/110 kV SS (Additional Transformer from 2x100 to 3x100 MVA)	230/110	TANTRANSCO	100	Nov/23
71	Vyasarpadi 230kV SS (2x100 to 3x100)	230/110	TANTRANSCO	100	Feb/24
	TOTAL STATE SECTOR			1180	
	TOTAL 230 kV			1180	
220 kV					
CENTRAL SECTOR					
72	220/132 kV Transformer (3rd) at Salakati (NERSS-XI)	220/132	PGCIL	100	SEP-23
73	Repl. of 220/132KV 1X50 MVA TO 1X160 MVA ICT at Kopili S/S Under North Eastern Region Strengthening Scheme -III	220/132	PGCIL	100	Dec/23
	TOTAL CENTRAL SECTOR			200	
STATE SECTOR					
74	Bavojipeta	220/33	APTRANSCO	50	APR-23
75	Piduguralla (Upgradation)	220/132	APTRANSCO	160	JUN-23
76	33KV features at existing 220/11KV Pattiseema LIS	220/33	APTRANSCO	50	JUN-23
77	220/132KV SS at Pampanur tanda	220/132	APTRANSCO	160	Dec/23
78	220/33kv Purusothapatnam (T/F-II)	220/33	APTRANSCO	50	Jan/24
79	220/33kv Pattiseema (T/F-II)	220/33	APTRANSCO	50	Jan/24
80	Raxaul (New) s/s (T/F I)	220/132	BSPTCL	200	JUL-23
81	Dumraon (GIS) s/s (2nd T/F)	220/132	BSPTCL	160	Dec/23
82	Raxaul (New) s/s (T/F -II)	220/132	BSPTCL	200	Dec/23
83	220/132/33 KV GSS Digha (New) (2x200 MVA T/F)	220/132	BSPTCL	400	Jan/24
84	Naubatpur GIS (Balanced) (220/132 kV T/Fs of 160 MVA)	220/132	BSPTCL	160	Feb/24

85	220KV Karamsad	220/66	GETCO	110	OCT-23
86	220KV Dhuvaran	220/132	GETCO	50	OCT-23
87	220 kV Sadla	220/66	GETCO	420	Nov/23
88	220 kV Ranavav	220/132	GETCO	400	Nov/23
89	220KV Bhat (Augmentation of 100 MVA T/F to 160 MVA)	220/66	GETCO	60	Dec/23
90	400 kV Vav (Augmentation of 100 MVA T/F to 160 MVA)	220/66	GETCO	60	Jan/24
91	Gumma (GIS S/S)	220/66	HPPTCL	100	MAY-23
92	Charor (Additional T/F)	220/33	HPPTCL	100	MAY-23
93	Charor GIS	220/132	HPPTCL	100	MAY-23
94	220/132 kV GIS Sub-Station at Mazra, Distt. Chamba	220/132	HPPTCL	200	Jan/24
95	33/220 kV, 25/31.5 MVA Power Transformer at 220 kV Switchyard of AD Hydro Power Ltd at Prini	33/220	HPPTCL	32	Jan/24
96	Shahabad	220/66	HVPNL	100	AUG-23
97	220 Kv Substation Salempur	220/66	HVPNL	160	JUN-23
98	Gurgaon Sector-69 GIS (T/F II)	220/33	HVPNL	100	JUN-23
99	Pinjore s/s	220/66	HVPNL	100	MAY-23
100	Safidon s/s	220/132	HVPNL	60	MAY-23
101	Chajipur (Panipat) s/s	220/132	HVPNL	60	MAY-23
102	220 kV Raiwali	220/66	HVPNL	100	OCT-23
103	220/33 Bastara s/s	220/33	HVPNL	100	OCT-23
104	220kV Bastara	220/132	HVPNL	160	SEP-23
105	220 kV Kaithal	220/132	HVPNL	60	SEP-23
106	220kV Bastara	220/132	HVPNL	60	Nov/23
107	220 kV Sagwan	220/33	HVPNL	100	Nov/23
108	220kV METL Dadri Toe	220/33	HVPNL	100	Jan/24
109	Amargarh (Delina)	220/132	JKPDD	160	AUG-23
110	GIS Harwan	220/33	JKPDD	160	Feb/24
111	220kV Narendra S/S (Additional 1X100MVA T/F)	220/110	KPTCL	100	APR-23
112	Sira (Kallukote)s/s	220/66/11	KPTCL	100	AUG-23
113	Yerandanahalli Replacing 2x100MVA 220/66kV PT by 2x150MVA 220/66kV PT (1st T/F replacement)	220/66	KPTCL	50	JUL-23
114	Kushtagi (3rd T/F)	220/110	KPTCL	100	JUL-23
115	Srinivasapura s/s	220/66	KPTCL	200	OCT-23
116	Puttenahalli(DG Plant): (Additional 3rd T/F)	220/66	KPTCL	150	Dec/23
117	Yerandanahalli: Replacing 2x100MVA, 220/66kV PT by 2x150MVA, 220/66kV Power Transformers	220/66	KPTCL	50	Feb/24
118	Ganjbasoda 220KV S/s additional 1x160 MVA X-mer	220/132	MPPTCL	160	AUG-23
119	Itarsi 220 kV S/s replacement of 3x40MVA by 1x160MVA X-mer	220/132	MPPTCL	40	AUG-23
120	Indore -SZ 220 kV S/s Replacement of 3x40MVA by 1x160MVA X-mer	220/132	MPPTCL	40	JUN-23
121	Julwaniya S/s (Addl. 160MVA X-mer)	220/132	MPPTCL	160	JUN-23
122	Rajgarh (D) Addl. (1x160MVA) X-mer	220/132	MPPTCL	160	MAY-23
123	Nimrani Addl. T/F	220/132	MPPTCL	160	MAY-23
124	Jabalpur 220 kV S/s replacement of 3x40MVA by 1x160MVA X-mer	220/132	MPPTCL	40	MAY-23
125	Chichli Addl. T/F	220/132	MPPTCL	160	MAY-23
126	Aug. of Mehgaon Xmer (200-160)	220/132	MPPTCL	40	MAY-23
127	Nagda 220 kV S/s Aug. (200-125)	220/132	MPPTCL	75	SEP-23
128	Tikamgarh 220 KV S/s, Addl 1x160 MVA X-mer	220/132	MPPTCL	160	Nov/23
129	220/33KV GIS at Ulwe node	220/33	MSETCL	100	JUL-23
130	Kolshet s/s	220/110	MSETCL	50	MAY-23
131	Shendra s/s (2 x 100MVA 220/132kV ICTs)	220/132	MSETCL	200	MAY-23
132	400kV Waluj substation (1x50MVA, 220/33kV T/F)	220/33	MSETCL	50	Nov/23

133	220kV Boisar-II Substation(Aug.) (1x 200-150)	220/132	MSETCL	50	Feb/24
134	220/33kV Khed City substation (2x50 MVA, 220/33kV T/Fs)	220/33	MSETCL	100	Feb/24
135	2X63 MVA 220/33kV Kantabada S/s	220/33	OPTCL	126	APR-23
136	Dhamra S/s (T/F -I)	220/132	OPTCL	160	APR-23
137	220/132/33kV Balimunda	220/132	OPTCL	160	Nov/23
138	Bamra SS T/F-II	220/132	OPTCL	160	Dec/23
139	220 kV S/S G-1. (Aug. of 2x100 MVA T/F with 2x160 MVA) T/F-II Aug.	220/66	PSTCL	60	JUN-23
140	220 kV S/S G-1. (Aug. of 1x100 MVA T/F with 1x160 MVA)	220/66	PSTCL	60	MAY-23
141	Udhoke (Addl. T/F)	220/66	PSTCL	100	SEP-23
142	220 kV S/S Banga (Addl. 100 MVA T/F)	220/132	PSTCL	100	SEP-23
143	220 kV S/S Kharar (Aug. of 1x100 MVA T/F with 1x160 MVA T/F)	220/66	PSTCL	60	Dec/23
144	220 kV S/S Dhandari Kalan-1 (Aug. of 1x100 MVA T/F with 1x160 MVA T/F)	220/66	PSTCL	60	Dec/23
145	220 kV S/S Sahnewal (Augmentation of 100 MVA 220/66 to 160 MVA)	220/66	PSTCL	60	Dec/23
146	220 kV S/S Talwandi Sabo (Addl. 100 MVA T/F)	220/66	PSTCL	100	Jan/24
147	220kV GSS Halasar	220/132	RVPNL	100	AUG-23
148	220 kV GSS Dholpur (160-100)	220/132	RVPNL	60	JUL-23
149	220 kV GSS Dhorimanna (160-100)	220/132	RVPNL	60	JUL-23
150	220 kV GSS Sridungargarh (160-100)	220/132	RVPNL	60	JUL-23
151	220kV GSS Pindwara	220/132	RVPNL	100	OCT-23
152	Devannapet LI SS (3x40 2x25 MVA)	220/11	TSTRANSCO	170	JUN-23
153	Choutuppall SS	220/ 132	TSTRANSCO	160	Jan/24
154	Choutuppall SS (160 MVA T/F-II)	220/ 132	TSTRANSCO	160	Feb/24
155	Barahua Aug.(160-100)	220/132	UPPTCL	60	APR-23
156	Balrampur S/s (T/F II)	220/132	UPPTCL	160	APR-23
157	Babina S/s Jhansi (T/F II)	220/132	UPPTCL	160	APR-23
158	Deoband Saharanpur (New) T/F	220/33	UPPTCL	60	APR-23
159	Moth-II Jhansi T/F-I	220/132	UPPTCL	160	APR-23
160	Farrukhabad S/s (T/F II)	220/132	UPPTCL	160	APR-23
161	Deoband (Saharanpur) S/s	220/132	UPPTCL	320	APR-23
162	220/132/33 KV S/s DataganjBadaun (New) T/F- I and II	220/132	UPPTCL	320	AUG-23
163	220 kV S/s Morta Ghaziabad (New) T/F- II and III	220/33	UPPTCL	120	AUG-23
164	Modipuram-II (T/F II)	220/132	UPPTCL	160	JUN-23
165	Kidwainagar S/s Kanpur (T/F III)	220/33	UPPTCL	60	MAY-23
166	Rukhi Syana (New) T/F-II	220/132	UPPTCL	160	MAY-23
167	Bhadrekhi (Orai) (New) T/F-II	220/132	UPPTCL	160	MAY-23
168	Kirawali Agra (New) T/F- II	220/132	UPPTCL	100	OCT-23
169	Bhadohi S/S (T/F - I)	220/132	UPPTCL	200	OCT-23
170	220/33 kV S/s IITGNL (GIS) GB Nagar	220/33	UPPTCL	60	SEP-23
171	Anand Nagar Mahrajanj (New) T/F- I and II	220/132/33	UPPTCL	320	SEP-23
172	Kirawali Agra (New) T/F- I	220/132	UPPTCL	100	SEP-23
173	Khatauli S/s (T/F-II)	220/132	UPPTCL	160	SEP-23
174	Kanduni Sitapur (New) T/F- I	220/132	UPPTCL	200	SEP-23
175	220/132/33 kV S/s Mahrajanj (New) T/F- I	220/132	UPPTCL	160	SEP-23
176	220/132 kV S/s Moth (New) T/F	220/132	UPPTCL	160	Nov/23
177	220/33 kV S/s YEIDA SEC-18, GB Nagar (New) T/F-I & II	220/33	UPPTCL	120	Nov/23
178	220/33 kV S/s Morta, Ghaziabad (New) T/F-I	220/33	UPPTCL	60	Nov/23
179	220/33 kV S/s YEIDA SEC-18, GB Nagar (New) T/F-III	220/33	UPPTCL	60	Dec/23

180	220/132 kV S/s Bhadohi (New) T/F-II	220/132	UPPTCL	200	Dec/23
181	220 kV S/s YEIDA SEC-24, Gr. Noida (New) T/F-I	220/132	UPPTCL	160	Jan/24
182	220 kV S/s Sikandra, Agra (Capacity Augmentation) T/F-III	220/33	UPPTCL	60	Jan/24
183	220 kV S/s Knowledge Park-5, Gr. Noida (New) T/F-I	220/132	UPPTCL	160	Jan/24
184	220 kV S/s Jalpura, Gr. Noida (New) T/F-I & II	220/132	UPPTCL	320	Jan/24
185	220 kV S/s Khorabar, Gorakhpur (New) T/F-I	220/33	UPPTCL	60	Feb/24
186	220 kV S/s Mahoba (Capacity Augmentation) (160-100) T/F-I	220/33	UPPTCL	60	Feb/24
187	Jangalpur GIS	220/132	WBSETCL	320	JUL-23
188	Mangalpur 220KV S/S (2X100 MVA T/F)	220/33	WBSETCL	200	Jan/24
189	Newtown AA II C (2X160 MVA T/F)	220/132	WBSETCL	320	Jan/24
190	Newtown AA II C (2X100 MVA T/F)	220/33	WBSETCL	200	Jan/24
	TOTAL STATE SECTOR			15243	
	TOTAL 220 kV			15443	
	GRAND TOTAL			59493	