

Sub-Stations Completed During FY - 2023-24

As on 31-Oct-23

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
765 kV					
<u>CENTRAL SECTOR</u>					
1	765/400 1x1500MVA T/F (3rd) at Bikaner(PG)	765/400	PGCIL	1500	APR-23
	TOTAL CENTRAL SECTOR			1500	
<u>PRIVATE SECTOR</u>					
2	Warangal (New) S/S with 2X1500 MVA transformers and 2X240 MVAR bus reactors.	765/400	APL	3000	SEP-23
	TOTAL PRIVATE SECTOR			3000	
	TOTAL 765 kV			4500	
400 kV					
<u>CENTRAL SECTOR</u>					
3	Extn. at Bhadla-II PS (500MVA ICT-2nd 3rd 4th and 5th) at Bikaner (PG) Fategarh-II and Bhadla-II)	400/220	PGCIL	500	APR-23
4	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
5	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
6	Extension 765/400/220kV Bhadla-II PS (500MVA ICT- 5th)(Out of which 3 commissioned)	400/220	PGCIL	500	MAY-23
7	1x500MVA 400/220kV ICT (3rd) at Ranchi (PG) S/S	400/220	PGCIL	500	MAY-23
8	1x500MVA 400/220kV ICT(7th) at Bhadla-II SS under Transmission system strengthening	400/220	PGCIL	500	MAY-23

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
	Scheme for				
9	1x500 MVA 400/220 kV ICT (3rd) at Sohawal (PG)	400/220	PGCIL	500	JUN-23
10	Aug. of 1x315MVA 400/220kV ICT to 1x500MVA 400/220kV ICT at Patiala (PG) S/S	400/220	PGCIL	500	JUL-23
11	1x500MVA 400/220kV ICT at Kochi SS	400/220	PGCIL	500	JUL-23
12	765/400/220kV Extension at Fatehgarh-II (400/220kV 500MVA (9th))	400/220	PGCIL	500	JUL-23
13	1x500MVA400/230kV ICT-5 (4th) at Tuticorin under Evacuation of RE inTirunelveli and Tuticorin WEZ	400/230	PGCIL	500	AUG-23
14	1x 500MVA 400/220kV ICT (1st) at Fatehgarh-III (Ramgarh-II)	400/220	PGCIL	500	SEP-23
15	1x500MVA 400/220kV ICT (3rd) at Bhatapara (PG)	400/220	PGCIL	500	SEP-23
16	1x 500MVA 400/220kV ICT (3rd) at Fatehgarh-III (Ramgarh-II) under phase-II- Part A	400/220	PGCIL	500	OCT-23
17	1x 500MVA 400/220kV ICT (2nd) at Fatehgarh-III (Ramgarh-II) under phase-II- Part A	400/220	PGCIL	500	OCT-23
	TOTAL CENTRAL SECTOR			6935	
STATE SECTOR					
18	Guddigudem SS (LIS) (2x315 MVA)	400/220/11	APTRANSCO	630	APR-23
19	Aug. at Jammalamadugu	400/220	APTRANSCO	500	APR-23
20	Hindupur (ICT 3rd)	400/220	APTRANSCO	315	MAY-23
21	Kottayam (T/F - I)	400/220	KSEB	315	MAY-23
22	New Koyna (Aug) (3x105 MVA)	400/220	MSETCL	315	MAY-23
23	Sultanpur (Capacity Aug.) T/F-III	400/220	UPPTCL	315	MAY-23
24	Nakodar (Aug .of 1x315 MVA T/F 1 with 1x500 MVA T/F)	400/220	PSTCL	185	JUN-23
25	Durgapur 400KV SS Tr. Aug.	400/220	WBSETCL	315	AUG-23
26	400KV Veltoor Substation	400/220	TSTRANSCO	185	AUG-23

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
27	Kottayam (T/F - II)	400/220	KSEB	315	AUG-23
28	Kirnapur Addl. T/F	400/132	MPPTCL	100	OCT-23
29	Rasra Ballia (New (T/F-II)	400/220	UPPTCL	500	OCT-23
30	Vellalaviduthi (2X315)	400/230	TANTRANSCO	315	OCT-23
	TOTAL STATE SECTOR			4305	
PRIVATE SECTOR					
31	3 x 500 MVA ICT GIS Buildings at Vikhroli	400/220	APL	1500	OCT-23
32	2x500MVA (400/230 kV) Karur Pooling Station	400/230	APL	1000	OCT-23
33	Koppal (PS)	400/220	RTVPL	1500	OCT-23
	TOTAL PRIVATE SECTOR			4000	
	TOTAL 400 kV			15240	
230 kV					
STATE SECTOR					
34	Kadapperi S/S Aug.(160-100)	230/110	TANTRANSCO	60	APR-23
35	Enhancement of Transformer capacity from 50MVA to 100MVA in Eachangadu 230/110KV SS	230/110	TANTRANSCO	50	JUL-23
36	Erode (T/F - II)	230/110	TANTRANSCO	100	JUL-23
37	Veerapuram 230 kV	230/110	TANTRANSCO	100	AUG-23
38	Nokia 230kV (1x100 to 2x100)	230/110	TANTRANSCO	100	OCT-23
39	Kits Park 230/110 KV SS (1x80 to 1x100)	230/110	TANTRANSCO	20	OCT-23
40	Karuppur	230/110	TANTRANSCO	100	OCT-23
41	Athipattu 230kV (1x100 to 2x100)	230/110	TANTRANSCO	100	OCT-23
42	Thirupathur 230/110 KV (Second 100 MVA ICT)	230/110	TANTRANSCO	100	OCT-23
43	Singapuram S/S (ICT-II)	230/110	TANTRANSCO	100	OCT-23
	TOTAL STATE SECTOR			830	

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
	TOTAL 230 kV			830	
220 kV					
CENTRAL SECTOR					
44	220/132 kV Transformer (3rd) at Salakati (NERSS-XI)	220/132	PGCIL	100	SEP-23
	TOTAL CENTRAL SECTOR			100	
STATE SECTOR					
45	Deoband (Saharanpur) S/s	220/132	UPPTCL	320	APR-23
46	Farrukhabad S/s (T/F II)	220/132	UPPTCL	160	APR-23
47	Moth-II Jhansi T/F-I	220/132	UPPTCL	160	APR-23
48	220kV Narendra S/S (Additional 1X100MVA T/F)	220/110	KPTCL	100	APR-23
49	Bavojipeta	220/33	APTRANSCO	50	APR-23
50	2X63 MVA 220/33kV Kantabada S/s	220/33	OPTCL	126	APR-23
51	Deoband Saharanpur (New) T/F	220/33	UPPTCL	60	APR-23
52	Dhamra S/s (T/F -I)	220/132	OPTCL	160	APR-23
53	Babina S/s Jhansi (T/F II)	220/132	UPPTCL	160	APR-23
54	Balrampur S/s (T/F II)	220/132	UPPTCL	160	APR-23
55	Barahua Aug.(160-100)	220/132	UPPTCL	60	APR-23
56	Shendra s/s (2 x 100MVA 220/132kV ICTs)	220/132	MSETCL	200	MAY-23
57	Chajipur (Panipat) s/s	220/132	HVPNL	60	MAY-23
58	Bhadrekhi (Orai) (New) T/F-II	220/132	UPPTCL	160	MAY-23
59	Rajgarh (D) Addl. (1x160MVA) X-mer	220/132	MPPTCL	160	MAY-23
60	Nimrani Addl. T/F	220/132	MPPTCL	160	MAY-23
61	Jabalpur 220 kV S/s replacement of 3x40MVA by 1x160MVA X-mer	220/132	MPPTCL	40	MAY-23
62	Gumma (GIS S/S)	220/66	HPPTCL	100	MAY-23
63	Pinjore s/s	220/66	HVPNL	100	MAY-23

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
64	220 kV S/S G-1. (Aug. of 1x100 MVA T/F with 1x160 MVA)	220/66	PSTCL	60	MAY-23
65	Charor GIS	220/132	HPPTCL	100	MAY-23
66	Kolshet s/s	220/110	MSETCL	50	MAY-23
67	Rukhi Syana (New) T/F-II	220/132	UPPTCL	160	MAY-23
68	Chichli Addl. T/F	220/132	MPPTCL	160	MAY-23
69	Aug. of Mehgaon Xmer (200-160)	220/132	MPPTCL	40	MAY-23
70	Charor (Additional T/F)	220/33	HPPTCL	100	MAY-23
71	Safidon s/s	220/132	HVPNL	60	MAY-23
72	Kidwainagar S/s Kanpur (T/F III)	220/33	UPPTCL	60	MAY-23
73	Devannapet LI SS (3x40 2x25 MVA)	220/11	TSTRANSCO	170	JUN-23
74	Piduguralla (Upgradation)	220/132	APTRANSCO	160	JUN-23
75	Indore -SZ 220 kV S/s Replacement of 3x40MVA by 1x160MVA X-mer	220/132	MPPTCL	40	JUN-23
76	Julwaniya S/s (Addl. 160MVA X-mer)	220/132	MPPTCL	160	JUN-23
77	Modipuram-II (T/F II)	220/132	UPPTCL	160	JUN-23
78	33KV features at existing 220/11KV Pattiseema LIS	220/33	APTRANSCO	50	JUN-23
79	Gurgaon Sector-69 GIS (T/F II)	220/33	HVPNL	100	JUN-23
80	220 Kv Substation Salempur	220/66	HVPNL	160	JUN-23
81	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
82	Jangalpur GIS	220/132	WBSETCL	320	JUL-23
83	Raxaul (New) s/s (T/F I)	220/132	BSPTCL	200	JUL-23
84	220/33KV GIS at Ulwe node	220/33	MSETCL	100	JUL-23
85	220 kV GSS Dholpur (160-100)	220/132	RVPNL	60	JUL-23
86	220 kV GSS Dhorimanna (160-100)	220/132	RVPNL	60	JUL-23
87	Kushtagi (3rd T/F)	220/110	KPTCL	100	JUL-23
88	Yerandanahalli Replacing 2x100MVA 220/66kV	220/66	KPTCL	50	JUL-23

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
	PT by 2x150MVA 220/66kV PT (1st T/F replacement)				
89	220 kV GSS Sridungargarh (160-100)	220/132	RVPNL	60	JUL-23
90	Sira (Kallukote)s/s	220/66/11	KPTCL	100	AUG-23
91	Shahabad	220/66	HVPNL	100	AUG-23
92	220 kV S/s Morta Ghaziabad (New) T/F- II and III	220/33	UPPTCL	120	AUG-23
93	220/132/33 KV S/s DataganjBadaun (New) T/F- I and II	220/132	UPPTCL	320	AUG-23
94	220kV GSS Halasar	220/132	RVPNL	100	AUG-23
95	Itarsi 220 kV S/s replacement of 3x40MVA by 1x160MVA X-mer	220/132	MPPTCL	40	AUG-23
96	Ganjbasoda 220KV S/s additional 1x160 MVA X-mer	220/132	MPPTCL	160	AUG-23
97	Amargarh (Delina)	220/132	JKPDD	160	AUG-23
98	Kirawali Agra (New) T/F- I	220/132	UPPTCL	100	SEP-23
99	Khatauli S/s (T/F-II)	220/132	UPPTCL	160	SEP-23
100	Kanduni Sitapur (New) T/F- I	220/132	UPPTCL	200	SEP-23
101	220/132/33 kV S/s Mahrajganj (New) T/F- I	220/132	UPPTCL	160	SEP-23
102	220 kV S/S Banga (Addl. 100 MVA T/F)	220/132	PSTCL	100	SEP-23
103	Nagda 220 kV S/s Aug. (200-125)	220/132	MPPTCL	75	SEP-23
104	220 kV Kaithal	220/132	HVPNL	60	SEP-23
105	220kV Bastara	220/132	HVPNL	160	SEP-23
106	Udhoke (Addl. T/F)	220/66	PSTCL	100	SEP-23
107	220/33 kV S/s IITGNL (GIS) GB Nagar	220/33	UPPTCL	60	SEP-23
108	Anand Nagar Mahrajganj (New) T/F- I and II	220/132/33	UPPTCL	320	SEP-23
109	220 kV Raiwali	220/66	HVPNL	100	OCT-23
110	Srinivasapura s/s	220/66	KPTCL	200	OCT-23
111	220kV GSS Pindwara	220/132	RVPNL	100	OCT-23
112	220KV Dhuvaran	220/132	GETCO	50	OCT-23

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
113	Kirawali Agra (New) T/F- II	220/132	UPPTCL	100	OCT-23
114	220/33 Bastara s/s	220/33	HVPL	100	OCT-23
115	Bhadohi S/S (T/F - I)	220/132	UPPTCL	200	OCT-23
116	220KV Karamsad	220/66	GETCO	110	OCT-23
	TOTAL STATE SECTOR			8851	
	TOTAL 220 kV			8951	
	GRAND TOTAL			29521	