

Sub-Stations Completed During FY - 2021-22

As on 31-Jan-22

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
800 kV					
<u>CENTRAL SECTOR</u>					
1	Raigarh and Pugalur Station with 6000 MW HVDC Terminal (Pole-III)	800	PGCIL	1500	JUL-21
2	Raigarh and Pugalur HVDC (Pole-4)	800	PGCIL	1500	OCT-21
	TOTAL CENTRAL SECTOR			3000	
	TOTAL 800 kV			3000	
765 kV					
<u>CENTRAL SECTOR</u>					
3	Bhuj S/S	765/400	PGCIL	3000	MAY-21
4	Extension 765/400/220 kV Fatehgarh-II PS (Jaisalmer) (PGCIL-RTM)	765/400/220	PGCIL	1000	AUG-21
5	Establishment of 765/400 Fatehgarh -II PS	765/400	PGCIL	1500	AUG-21
6	Khetri SS (ICT-I)	765/400	PGCIL	1500	SEP-21
7	Jeerat (New) S/s (PM-JTL -TBCB)	765/400	PGCIL	3000	SEP-21
8	Establishment of 765/400 kV Bhadla-II PS (PGCIL-RTM)	765/400	PGCIL	3000	OCT-21
9	Fatehgarh-II PS (2nd ICT Bank)	765/400	PGCIL	1500	OCT-21
10	Establishment of 765/400 kV 2x1500 MVA S/S at Khetri	765/400	PGCIL	1500	OCT-21
11	1x1500MVA 765/400kV ICT at Fatehgarh-II	765/400	PGCIL	1500	NOV-21
12	765/400kV ICT at Bhiwani (PG) SS	765/400	PGCIL	1000	NOV-21
	TOTAL CENTRAL SECTOR			18500	

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 765 kV			18500	
400 kV					
CENTRAL SECTOR					
13	Extn. at Jeypore s/s (ICT-I)	400/220	PGCIL	315	APR-21
14	Sitamarhi S/S ERSS XXITL-TBCB)	400/220/132	PGCIL	1400	APR-21
15	Bhuj S/S	400/220	PGCIL	1500	MAY-21
16	Extn. at Motihari S/S	400/132	PGCIL	315	MAY-21
17	Augmentation of Transformation Capacity at 400/200 KV Gajuwaka S/S	400/220	PGCIL	500	JUL-21
18	Extension 400/220 kV Bikaner (PG) Substation (PGCIL-RTM)	400/220	PGCIL	500	AUG-21
19	Extn. at 400/220 kV Jabalpur S/S	400/220	PGCIL	500	AUG-21
20	Extn. at 400/220 kV Bhadla	400/220	PGCIL	500	AUG-21
21	1x500MVA 400/220kV ICT at Fatehgarh-II PS	400/220	PGCIL	500	SEP-21
22	400/220/132 kV Saharsa S/S (1x500 MVA ICT of 400/220 kV) (ERSS-XXITL-TBCB)	400/220	PGCIL	500	SEP-21
23	Extn. of 765/400/220 kV Bhadla (PG) S/S (400/220kV ICT-I at Bhadla S/S)	400/220	PGCIL	500	OCT-21
24	400/220 kV ICT at Jeypore S/S	400/220	PGCIL	315	OCT-21
25	Saharsa S/S (2nd 500 MVA ICT)	400/220	PGCIL	500	OCT-21
26	400/220kV ICT at Sonapat	400/220	PGCIL	500	NOV-21
27	1x500MVA 400/220 kV ICT at Fatehgarh-II PS	400/220	PGCIL	500	NOV-21
28	400/220kV ICT at Itarsi S/S	400/220	PGCIL	500	NOV-21
29	Extn. of 765/400/220 kV Bhadla (PG) (1x500MVA 400/220kV ICT)S/S	400/220	PGCIL	500	DEC-21
30	Establishment of 765/400 kV Fatehgarh-II PS (Jaisalmer) (500MVA 400/220kV ICT) (PGCIL-RTM)	400/220	PGCIL	500	DEC-21
31	Extn. at 400/220 kV Roorkee (ICT-III)	400/220	PGCIL	500	DEC-21

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1.	2.	3.	4.	5.	6.
32	Extension 400/220 kV Bikaner (PG) Substation (ICT-II)	400/220	PGCIL	500	JAN-22
	TOTAL CENTRAL SECTOR			11345	
STATE SECTOR					
33	Vemagiri (ICT-4)	400/220	APTRANSCO	500	APR-21
34	Maath Mathura (Capacity Augmentation)	400/220	UPPTCL	500	MAY-21
35	BTPS Switchyard	400/220	TSTRANSCO	315	JUN-21
36	Ujjain S/S (T/F-II)	400/220	MPPTCL	315	JUN-21
37	K.R.Thoppur (Addl T/F)	400/110	TANTRANSCO	200	JUL-21
38	Sundilla s/s (2x315 MVA ICTs-III and IV 50 MVA STR-II and 6x50 MVA PTR-II to VII)	400/220/33	TSTRANSCO	980	JUL-21
39	Sundilla s/s (2x315 MVA ICTs-I and II 50 MVA STR-I and 50 MVA PTR-I)	400/220/11	TSTRANSCO	730	JUL-21
40	Jehta (Hardoi Road) S/s Lucknow	400/220	UPPTCL	1000	AUG-21
41	Addl. T/F (ICT-2) at Jaisalmer	400/220	RVPNL	500	OCT-21
42	Makhu (Addl. T/F)	400/220	PSTCL	500	OCT-21
43	Kamalapuram SS (2x315 ICT I and II)	400/220/11	TSTRANSCO	630	NOV-21
44	Meramundali-B (ICT-I)	400/220	OPTCL	500	JAN-22
45	Rayadurg GIS S/S	400/220/132	TSTRANSCO	1000	JAN-22
46	Talandage S/s (ICT Replacement) (501-315)	400/220/132	MSETCL	186	JAN-22
47	Basti (GIS) (T/F-I)	400/220	UPPTCL	500	JAN-22
48	Kankani s/s (Addl T/F)	400/220	RVPNL	315	JAN-22
49	Akal Jaisalmer (Aug.) (500-315)	400/220	RVPNL	185	JAN-22
50	Karjat S/S	400/220	MSETCL	1000	JAN-22
51	Patratu GSS (PGCIL)	400/220	JUSNL	630	JAN-22
52	Bhogat S/S	400/220	GETCO	500	JAN-22
	TOTAL STATE SECTOR			10986	

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
PRIVATE SECTOR					
53	Dhanbad New s/s (NKTL-TBCB)	400/220	APL	1000	JUL-21
	TOTAL PRIVATE SECTOR			1000	
	TOTAL 400 kV			23331	
320 kV					
CENTRAL SECTOR					
54	VSC based HVDC Terminal at Pugalur and North Trishur (2000MW) (Monopole-I)	320	PGCIL	1000	JUN-21
	TOTAL CENTRAL SECTOR			1000	
	TOTAL 320 kV			1000	
230 kV					
STATE SECTOR					
55	TNEB Head Quarters	230/33	TANTRANSCO	200	APR-21
56	Valayapatti (Addl T/F)	230/110	TANTRANSCO	100	JUL-21
57	Mambakkam (Addl T/F)	230/110	TANTRANSCO	100	JUL-21
58	Thirupathur S/S	230/110	TANTRANSCO	100	AUG-21
59	Acharapakkam (Addl T/F)	230/110	TANTRANSCO	100	AUG-21
60	Kanchipuram s/s	230/110	TANTRANSCO	100	OCT-21
61	Thuvakudy S/S	230/110	TANTRANSCO	100	OCT-21
62	Karuvalur S/S	230/110	TANTRANSCO	100	OCT-21
	TOTAL STATE SECTOR			900	
	TOTAL 230 kV			900	
220 kV					
CENTRAL SECTOR					

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
63	400/220/132 kV Saharsa S/S (2 x 200 MVA ICTs of 220/132 kV) (ERSS-XXITL-TBCB)	220/132	PGCIL	400	SEP-21
64	Burdwan GIS along with associated line bays at Parulia S/s	220/132	DVC	320	JAN-22
65	Dimapur (PG) GIS S/S	220/132	PGCIL	220	JAN-22
66	Dhanbad (2 Auto-Xmer)	220/132	DVC	160	JAN-22
	TOTAL CENTRAL SECTOR			1100	
STATE SECTOR					
67	Hukmawali (Aug.)	220/33	HVPNL	100	APR-21
68	Gadag (Addl.- T/F)	220/110	KPTCL	100	APR-21
69	Banga (Upgradation of 132 KV S/Stn. to 220 KV S/Stn.)	220/132	PSTCL	100	MAY-21
70	Nirpura Baghpat (New) T/F	220/33	UPPTCL	60	MAY-21
71	Akiveedu S/S at West Godavari Dist.	220/33	APTRANSCO	80	MAY-21
72	Akkaram LIS s/s (Aug) (Pump T/F-II to VI) (5x31.5MVA)	220/11	TSTRANSCO	158	JUN-21
73	Akkaram LIS s/s (Station T/F-I and II) and (Pump T/F-I) (3x31.5MVA)	220/11	TSTRANSCO	95	JUN-21
74	Markook LIS s/s (16 MVA Station PTR-II) and (6x40 MVA Pump PTR- I to VI)	220/11	TSTRANSCO	256	JUN-21
75	Markook LIS s/s (Station PTR-I)	220/11	TSTRANSCO	16	JUN-21
76	Mupkal LIS s/s (T/F-I and II) (2x60 MVA)	220/11	TSTRANSCO	120	JUN-21
77	Ujjain S/S (160)	220/132	MPPTCL	160	JUN-21
78	Pratapsasan S/s (T/F-I)	220/132	OPTCL	160	JUN-21
79	Kothur s/s (2x160 MVA)	220/132	TSTRANSCO	320	JUN-21
80	Phaltan S/s (Addl T/F)	220/33	MSETCL	25	JUN-21
81	Bheemghanpur	220/33	TSTRANSCO	32	JUN-21
82	Chanchalguda GIS (3x50 MVA)	220/33	TSTRANSCO	150	JUN-21
83	Rampur Kamboyan (Aug.)	220/66	HVPNL	100	JUN-21

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
84	Kalluru S/S	220/132	TSTRANSCO	200	JUL-21
85	Mahabubabad (Ayyagaripally)	220/132	TSTRANSCO	100	JUL-21
86	Nagarkurnool	220/132	TSTRANSCO	200	JUL-21
87	Pedagopathi S/S	220/132	TSTRANSCO	200	JUL-21
88	Renzal S/S (Upgradation of existing 132/33 s/s)	220/132	TSTRANSCO	200	JUL-21
89	Rampur (120 MVA) S/S	220/11	TSTRANSCO	120	JUL-21
90	Yelluru Water Grid S/S	220/11	TSTRANSCO	100	JUL-21
91	Kunnamangalam GIS s/s	220/110	KSEB	100	JUL-21
92	Medigadda s/s (50 MVA STR-I and 3x50 MVA PTR-I to III)	220/110	TSTRANSCO	200	JUL-21
93	Huzurabad S/S	220/132	TSTRANSCO	200	JUL-21
94	Janagaon s/s (Upgradation of existing 132/33 s/s)	220/132	TSTRANSCO	200	JUL-21
95	Nagaram S/S	220/33	TSTRANSCO	63	JUL-21
96	Domalapenta s/s	220/33	TSTRANSCO	63	JUL-21
97	Telkoi	220/33	OPTCL	20	JUL-21
98	Radhanesda	220/33	GETCO	375	JUL-21
99	Meenajipet s/s	220/132/33	TSTRANSCO	200	JUL-21
100	Huzurnagar S/S	220/132/33	TSTRANSCO	200	JUL-21
101	Aswaraopet SS upgradation from 132 kV	220/132/33	TSTRANSCO	100	JUL-21
102	Madugula	220/132	TSTRANSCO	200	JUL-21
103	Phoolbagh Kanpur (New) T/F-II	220/33	UPPTCL	60	JUL-21
104	Annaram S/S (50 MVA STR-II and 4x50 MVA PTR-V to VIII)	220/11	TSTRANSCO	250	JUL-21
105	Annaram S/S (50 MVA STR-I and 4x50 MVA PTR-I to IV)	220/11	TSTRANSCO	250	JUL-21
106	Kathua-II (Ghatti) (New) Grid station	220/66	JKPDD	160	JUL-21
107	Samba(New) Grid station	220/66	JKPDD	160	JUL-21
108	Sikandarabad T/F-II (Capacity Augmentation)	220/33	UPPTCL	60	JUL-21

SI No	Name of Sub Stations	Voltage Ratio (kV/kV)	Executing Agency	Capacity (MW/MVA)	Month of Completion
1.	2.	3.	4.	5.	6.
109	Gouridevipally S/S	220/11	TSTRANSCO	100	JUL-21
110	Medigadda s/s (50 MVA STR-II and 8x50 MVA PTR-IVto XI)	220/11	TSTRANSCO	450	JUL-21
111	Rajeshwarrao peta s/s	220/11	TSTRANSCO	120	JUL-21
112	Hayathnagar (Aug) (2x100) - (1x100 1x50)	220/33	TSTRANSCO	50	AUG-21
113	Jehta (Hardoi Road) S/s (Lucknow)	220/132	UPPTCL	200	AUG-21
114	Kalwan (Bhendi) (Addl T/F)	220/33	MSETCL	50	AUG-21
115	Laphripara	220/33	OPTCL	40	AUG-21
116	Deogarh	220/33	OPTCL	40	AUG-21
117	Indravelly (Uttoor) S/S with Automation System	220/132	TSTRANSCO	200	AUG-21
118	I.I.T.G.N.L. Gr. Noida (New) T/F-I	220/33	UPPTCL	60	AUG-21
119	Radhanesda (Addl T/F)	220/33	GETCO	125	AUG-21
120	Gurgaon Sector-107 GIS	220/33	HVPNL	200	AUG-21
121	Sukha (Jabalpur) (Addl. T/F-II)	220/33	MPPTCL	50	AUG-21
122	Ujjain (T/F-II)	220/132	MPPTCL	160	SEP-21
123	Faridabad Sector-58 GIS	220/66	HVPNL	320	SEP-21
124	Radhanesda (Addl. T/F)	220/33	GETCO	125	SEP-21
125	Babhaleshwar S/s (Addl T/F)	220/33	MSETCL	50	SEP-21
126	Alawalpur (Addl. T/F)	220/66	PSTCL	100	OCT-21
127	Lassipora (GIS)	220/33	JKPDD	160	OCT-21
128	Indore (East)	220/33	MPPTCL	50	OCT-21
129	Botanical Garden (Sec-38A)Noida (Capacity Aug.) T/F-III)	220/33	UPPTCL	60	OCT-21
130	Pratap Vihar (Capacity Aug.) T/F-II	220/33	UPPTCL	60	OCT-21
131	Tubinakere (T/F-I Replacement (150-100))	220/66	KPTCL	50	OCT-21
132	GNDTP Bhatinda	220/66	PSTCL	200	OCT-21
133	Chatra S/S	220/132/33	JUSNL	300	OCT-21
134	Amethi (New) T/F-I	220/132	UPPTCL	160	OCT-21

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1.	2.	3.	4.	5.	6.
135	GNDTP Bhatinda	220/132	PSTCL	300	OCT-21
136	Kukshi 220/132kV S/S	220/132	MPPTCL	160	OCT-21
137	Wankaner S/S (Dist. Rajkot) (GEC-I)	220/132	GETCO	300	OCT-21
138	Pydibhimavaram at (Srikakulam District)	220/132	APTRANSCO	100	OCT-21
139	Huzurabad (Aug) ((2x100 160) -(2x100))	220/132	TSTRANSCO	160	NOV-21
140	Magarpatta (ICT Replacement) (200-100)	220/132	MSETCL	100	NOV-21
141	Shivpuri s/s	220/132	MPPTCL	160	NOV-21
142	Tubinakere (T/F-II Replacement (150-100))	220/66	KPTCL	50	NOV-21
143	Dahi Chowki Unnao (New) T/F-III	220/33	UPPTCL	60	NOV-21
144	Tundla Firozabad (New) T/F-I	220/132	UPPTCL	160	NOV-21
145	Pratapgarh T/F (Capacity Augmentation)	220/132	UPPTCL	160	NOV-21
146	Gola (New) T/F-I	220/132	UPPTCL	160	NOV-21
147	Badaikala Muzaffarnagar (New) T/F-II	220/132	UPPTCL	160	DEC-21
148	400 kV S/s Gr Noida G B Nagar T/F (Capacity Aug)	220/132	UPPTCL	160	DEC-21
149	Mohali (Aug. of 100 to 160 MVA)	220/66	PSTCL	60	DEC-21
150	Jadla (Addl. T/F)	220/66	PSTCL	100	DEC-21
151	Sira (T/F-I)	220/66	KPTCL	100	DEC-21
152	Rayadurg (GIS) S/S	220/132	TSTRANSCO	320	DEC-21
153	Satrikh Road (Lucknow) (New) T/F-I	220/33	UPPTCL	60	DEC-21
154	Sagar	220/132	MPPTCL	160	DEC-21
155	Timbdi (Aug) ((3x100)-(2x100 1x50))	220/66	GETCO	50	JAN-22
156	Kim (Aug) ((1x160 4x100)-(4x100))	220/66	GETCO	160	JAN-22
157	Bhogat s/s	220/66	GETCO	320	JAN-22
158	Bansur s/s (Aug.)	220/132	RVPNL	100	JAN-22
159	Lonikand -II S/S (ICT-II)	220/132	MSETCL	100	JAN-22
160	Lonikand -II S/S (ICT-I)	220/132	MSETCL	100	JAN-22
161	Bhandara S/s (ICT Replacement) (200-100)	220/132	MSETCL	100	JAN-22

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1.	2.	3.	4.	5.	6.
162	Ratu	220/132	JUSNL	300	JAN-22
163	Mandsaur	220/132	MPPTCL	160	JAN-22
164	Karamnasha (New) s/s	220/132	BSPTCL	400	JAN-22
165	Dechu s/s (Aug.)	220/132	RVPNL	100	JAN-22
166	Sirohi s/s (Aug)	220/132	RVPNL	100	JAN-22
167	Amaria S/S (T/F-I) Pilibhit	220/132	UPPTCL	100	JAN-22
168	Azizpur S/s Shahjahanpur (T/F-I)	220/132	UPPTCL	160	JAN-22
169	Jehta Hardoi Road (GIS) (New) T/F-II	220/132	UPPTCL	200	JAN-22
170	Nighasan Lakhimpur T/F-I (Capacity Aug.)	220/132	UPPTCL	160	JAN-22
171	Pilibhit T/F-II (Capacity Aug.)	220/132	UPPTCL	60	JAN-22
172	Sambhal T/F-I (Capacity Aug.)	220/132	UPPTCL	60	JAN-22
173	Shamli s/s (220 /132 kV T/F-I)	220/132	UPPTCL	200	JAN-22
174	Dasuya (Addl. T/F)	220/66	PSTCL	100	JAN-22
175	Hoody (T/F-I Replacement of 100 MVA by 150 MVA)	220/66	KPTCL	50	JAN-22
176	Netlamadnur (Addl T/F)	220/110	KPTCL	100	JAN-22
177	Kudachi (Addl T/F)	220/110	KPTCL	100	JAN-22
178	Gangavathi (Sulekal) S/S	220/110	KPTCL	200	JAN-22
	TOTAL STATE SECTOR			15963	
	TOTAL 220 kV			17063	
	GRAND TOTAL			63794	