

Sub-Stations Completed During FY - 2021-22

As on 28-Feb-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	Establishment of 765/400 Fatehgarh -II PS	765/400	PGCIL	1500	AUG-21
5	Extension 765/400/220 kV Fatehgarh-II PS (Jaisalmer) (PGCIL-RTM)	765/400/220	PGCIL	1000	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 2x1500 MVA S/S at Khetri	765/400	PGCIL	1500	OCT-21
9	Fatehgarh-II PS (2nd ICT Bank)	765/400	PGCIL	1500	OCT-21
10	Establishment of 765/400 kV Bhadla-II PS (PGCIL-RTM)	765/400	PGCIL	3000	OCT-21
11	765/400kV ICT at Bhiwani (PG) SS	765/400	PGCIL	1000	NOV-21
12	1x1500MVA 765/400kV ICT at Fatehgarh-II	765/400	PGCIL	1500	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	Sitamarhi S/S ERSS XXITL-TBCB)	400/220/132	PGCIL	1400	APR-21
14	Extn. at Jeypore s/s (ICT-I)	400/220	PGCIL	315	APR-21
15	Extn. at Motihari S/S	400/132	PGCIL	315	MAY-21
16	Bhuj S/S	400/220	PGCIL	1500	MAY-21
17	Augmentation of Transformation Capacity at 400/200 KV Gajuwaka S/S	400/220	PGCIL	500	JUL-21
18	Extn. at 400/220 kV Bhadla	400/220	PGCIL	500	AUG-21
19	Extension 400/220 kV Bikaner (PG) Substation (PGCIL-RTM)	400/220	PGCIL	500	AUG-21
20	Extn. at 400/220 kV Jabalpur S/S	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	Saharsa S/S (2nd 500 MVA ICT)	400/220	PGCIL	500	OCT-21
25	400/220 kV ICT at Jeypore S/S	400/220	PGCIL	315	OCT-21
26	400/220kV ICT at Itarsi S/S	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 Sonapat	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
33	Wardha SS (ICT)	400/220	PGCIL	500	FEB-22
34	Tuticorin-II GIS Additional ICT (4th) (PGCIL-RTM)	400/220	PGCIL	500	FEB-22
35	Malda SS (2nd ICT Replacement) (1x315MVA to 1X500MVA)	400/220	PGCIL	185	FEB-22
36	Extn at New Siliguri s/s (3rd ICT)	400/220	PGCIL	315	FEB-22
37	Dwarka SS (3x500MVA 400/220kV ICT)	400/220	PGCIL	1500	FEB-22
	TOTAL CENTRAL SECTOR			14345	
STATE SECTOR					
38	Vemagiri (ICT-4)	400/220	APTRANSCO	500	APR-21
39	Maath Mathura (Capacity Augmentation)	400/220	UPPTCL	500	MAY-21
40	Ujjain S/S (T/F-II)	400/220	MPPTCL	315	JUN-21
41	BTPS Switchyard	400/220	TSTRANSCO	315	JUN-21
42	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
43	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
44	K.R.Thoppur (Addl T/F)	400/110	TANTRANSCO	200	JUL-21
45	Jehta (Hardoi Road) S/s Lucknow	400/220	UPPTCL	1000	AUG-21
46	Makhu (Addl. T/F)	400/220	PSTCL	500	OCT-21
47	Addl. T/F (ICT-2) at Jaisalmer	400/220	RVPNL	500	OCT-21
48	Kamalapuram SS (2x315 ICT I and II)	400/220/11	TSTRANSCO	630	NOV-21
49	Karjat S/S	400/220	MSETCL	1000	JAN-22
50	Patratu GSS (PGCIL)	400/220	JUSNL	630	JAN-22
51	Bhogat S/S	400/220	GETCO	500	JAN-22
52	Talandage S/s (ICT Replacement) (501-315)	400/220/132	MSETCL	186	JAN-22
53	Rayadurg GIS S/S	400/220/132	TSTRANSCO	1000	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.
54	Basti (GIS) (T/F-I)	400/220	UPPTCL	500	JAN-22
55	Kankani s/s (Addl T/F)	400/220	RVPNL	315	JAN-22
56	Akal Jaisalmer (Aug.) (500-315)	400/220	RVPNL	185	JAN-22
57	Meramundali-B (ICT-I)	400/220	OPTCL	500	JAN-22
	TOTAL STATE SECTOR			10986	
<u>PRIVATE SECTOR</u>					
58	Dhanbad New s/s (NKTL-TBCB)	400/220	APL	1000	JUL-21
	TOTAL PRIVATE SECTOR			1000	
	TOTAL 400 kV			26331	
320 kV					
<u>CENTRAL SECTOR</u>					
59	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					
<u>STATE SECTOR</u>					
60	TNEB Head Quarters	230/33	TANTRANSCO	200	APR-21
61	Mambakkam (Addl T/F)	230/110	TANTRANSCO	100	JUL-21
62	Valayapatti (Addl T/F)	230/110	TANTRANSCO	100	JUL-21
63	Thirupathur S/S	230/110	TANTRANSCO	100	AUG-21
64	Acharapakkam (Addl T/F)	230/110	TANTRANSCO	100	AUG-21
65	Thuvakudy S/S	230/110	TANTRANSCO	100	OCT-21
66	Kanchipuram s/s	230/110	TANTRANSCO	100	OCT-21
67	Karuvalur S/S	230/110	TANTRANSCO	100	OCT-21

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1.	2.	3.	4.	5.	6.
68	Mambalam (GIS)	230/110	TANTRANSCO	320	FEB-22
	TOTAL STATE SECTOR			1220	
	TOTAL 230 kV			1220	
220 kV					
<u>CENTRAL SECTOR</u>					
69	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
70	Burdwan GIS along with associated line bays at Parulia S/s	220/132	DVC	320	JAN-22
71	Dhanbad (2 Auto-Xmer)	220/132	DVC	160	JAN-22
72	Dimapur (PG) GIS S/S	220/132	PGCIL	220	JAN-22
73	Rangpo GIS (ICT)	220/132	PGCIL	100	FEB-22
	TOTAL CENTRAL SECTOR			1200	
<u>STATE SECTOR</u>					
74	Gadag (Addl.- T/F)	220/110	KPTCL	100	APR-21
75	Hukmawali (Aug.)	220/33	HVPNL	100	APR-21
76	Nirpura Baghpat (New) T/F	220/33	UPPTCL	60	MAY-21
77	Akiveedu S/S at West Godavari Dist.	220/33	APTRANSCO	80	MAY-21
78	Banga (Upgradation of 132 KV S/Stn. to 220 KV S/Stn.)	220/132	PSTCL	100	MAY-21
79	Akkaram LIS s/s (Aug) (Pump T/F-II to VI) (5x31.5MVA)	220/11	TSTRANSCO	158	JUN-21
80	Akkaram LIS s/s (Station T/F-I and II) and (Pump T/F-I) (3x31.5MVA)	220/11	TSTRANSCO	95	JUN-21
81	Markook LIS s/s (16 MVA Station PTR-II) and (6x40 MVA Pump PTR- I to VI)	220/11	TSTRANSCO	256	JUN-21
82	Markook LIS s/s (Station PTR-I)	220/11	TSTRANSCO	16	JUN-21
83	Mupkal LIS s/s (T/F-I and II) (2x60 MVA)	220/11	TSTRANSCO	120	JUN-21

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1.	2.	3.	4.	5.	6.
84	Ujjain S/S (160)	220/132	MPPTCL	160	JUN-21
85	Pratapsasan S/s (T/F-I)	220/132	OPTCL	160	JUN-21
86	Kothur s/s (2x160 MVA)	220/132	TSTRANSCO	320	JUN-21
87	Phaltan S/s (Addl T/F)	220/33	MSETCL	25	JUN-21
88	Bheemghanpur	220/33	TSTRANSCO	32	JUN-21
89	Chanchalguda GIS (3x50 MVA)	220/33	TSTRANSCO	150	JUN-21
90	Rampur Kamboyan (Aug.)	220/66	HVPNL	100	JUN-21
91	Kalluru S/S	220/132	TSTRANSCO	200	JUL-21
92	Madugula	220/132	TSTRANSCO	200	JUL-21
93	Mahabubabad (Ayyagaripally)	220/132	TSTRANSCO	100	JUL-21
94	Nagarkurnool	220/132	TSTRANSCO	200	JUL-21
95	Pedagopathi S/S	220/132	TSTRANSCO	200	JUL-21
96	Renzal S/S (Upgradation of existing 132/33 s/s)	220/132	TSTRANSCO	200	JUL-21
97	Aswaraopet SS upgradation from 132 kV	220/132/33	TSTRANSCO	100	JUL-21
98	Huzurnagar S/S	220/132/33	TSTRANSCO	200	JUL-21
99	Telkoi	220/33	OPTCL	20	JUL-21
100	Domalapenta s/s	220/33	TSTRANSCO	63	JUL-21
101	Nagaram S/S	220/33	TSTRANSCO	63	JUL-21
102	Phoolbagh Kanpur (New) T/F-II	220/33	UPPTCL	60	JUL-21
103	Sikandarabad T/F-II (Capacity Augmentation)	220/33	UPPTCL	60	JUL-21
104	Radhanesda	220/33	GETCO	375	JUL-21
105	Annaram S/S (50 MVA STR-II and 4x50 MVA PTR-V to VIII)	220/11	TSTRANSCO	250	JUL-21
106	Gouridevipally S/S	220/11	TSTRANSCO	100	JUL-21
107	Medigadda s/s (50 MVA STR-II and 8x50 MVA PTR-IVto XI)	220/11	TSTRANSCO	450	JUL-21
108	Meenajipet s/s	220/132/33	TSTRANSCO	200	JUL-21
109	Rajeshwarrao peta s/s	220/11	TSTRANSCO	120	JUL-21

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1.	2.	3.	4.	5.	6.
110	Rampur (120 MVA) S/S	220/11	TSTRANSCO	120	JUL-21
111	Yelluru Water Grid S/S	220/11	TSTRANSCO	100	JUL-21
112	Kunnamangalam GIS s/s	220/110	KSEB	100	JUL-21
113	Medigadda s/s (50 MVA STR-I and 3x50 MVA PTR-I to III)	220/110	TSTRANSCO	200	JUL-21
114	Huzurabad S/S	220/132	TSTRANSCO	200	JUL-21
115	Janagaon s/s (Upgradation of existing 132/33 s/s)	220/132	TSTRANSCO	200	JUL-21
116	Annaram S/S (50 MVA STR-I and 4x50 MVA PTR-I to IV)	220/11	TSTRANSCO	250	JUL-21
117	Kathua-II (Ghatti) (New) Grid station	220/66	JKPDD	160	JUL-21
118	Samba(New) Grid station	220/66	JKPDD	160	JUL-21
119	I.I.T.G.N.L. Gr. Noida (New) T/F-I	220/33	UPPTCL	60	AUG-21
120	Radhanesda (Addl T/F)	220/33	GETCO	125	AUG-21
121	Gurgaon Sector-107 GIS	220/33	HVPNL	200	AUG-21
122	Sukha (Jabalpur) (Addl. T/F-II)	220/33	MPPTCL	50	AUG-21
123	Kalwan (Bhendi) (Addl T/F)	220/33	MSETCL	50	AUG-21
124	Deogarh	220/33	OPTCL	40	AUG-21
125	Laphripara	220/33	OPTCL	40	AUG-21
126	Hayathnagar (Aug) (2x100) - (1x100 1x50)	220/33	TSTRANSCO	50	AUG-21
127	Jehta (Hardoi Road) S/s (Lucknow)	220/132	UPPTCL	200	AUG-21
128	Indravelly (Uttoor) S/S with Automation System	220/132	TSTRANSCO	200	AUG-21
129	Ujjain (T/F-II)	220/132	MPPTCL	160	SEP-21
130	Radhanesda (Addl. T/F)	220/33	GETCO	125	SEP-21
131	Babhaleshwar S/s (Addl T/F)	220/33	MSETCL	50	SEP-21
132	Faridabad Sector-58 GIS	220/66	HVPNL	320	SEP-21
133	Amethi (New) T/F-I	220/132	UPPTCL	160	OCT-21
134	Alawalpur (Addl. T/F)	220/66	PSTCL	100	OCT-21

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1.	2.	3.	4.	5.	6.
135	GNDTP Bhatinda	220/66	PSTCL	200	OCT-21
136	Tubinakere (T/F-I Replacement (150-100))	220/66	KPTCL	50	OCT-21
137	GNDTP Bhatinda	220/132	PSTCL	300	OCT-21
138	Kukshi 220/132kV S/S	220/132	MPPTCL	160	OCT-21
139	Pydibhimavaram at (Srikakulam District)	220/132	APTRANSCO	100	OCT-21
140	Wankaner S/S (Dist. Rajkot) (GEC-I)	220/132	GETCO	300	OCT-21
141	Lassipora (GIS)	220/33	JKPDD	160	OCT-21
142	Chatra S/S	220/132/33	JUSNL	300	OCT-21
143	Indore (East)	220/33	MPPTCL	50	OCT-21
144	Botanical Garden (Sec-38A)Noida (Capacity Aug.) T/F-III)	220/33	UPPTCL	60	OCT-21
145	Pratap Vihar (Capacity Aug.) T/F-II	220/33	UPPTCL	60	OCT-21
146	Tubinakere (T/F-II Replacement (150-100))	220/66	KPTCL	50	NOV-21
147	Tundla Firozabad (New) T/F-I	220/132	UPPTCL	160	NOV-21
148	Pratapgarh T/F (Capacity Augmentation)	220/132	UPPTCL	160	NOV-21
149	Gola (New) T/F-I	220/132	UPPTCL	160	NOV-21
150	Huzurabad (Aug) ((2x100 160) -(2x100))	220/132	TSTRANSCO	160	NOV-21
151	Magarpatta (ICT Replacement) (200-100)	220/132	MSETCL	100	NOV-21
152	Shivpuri s/s	220/132	MPPTCL	160	NOV-21
153	Dahi Chowki Unnao (New) T/F-III	220/33	UPPTCL	60	NOV-21
154	Sagar	220/132	MPPTCL	160	DEC-21
155	Mohali (Aug. of 100 to 160 MVA)	220/66	PSTCL	60	DEC-21
156	Badaikala Muzaffarnagar (New) T/F-II	220/132	UPPTCL	160	DEC-21
157	Sira (T/F-I)	220/66	KPTCL	100	DEC-21
158	Jadla (Addl. T/F)	220/66	PSTCL	100	DEC-21
159	400 kV S/s Gr Noida G B Nagar T/F (Capacity Aug)	220/132	UPPTCL	160	DEC-21
160	Rayadurg (GIS) S/S	220/132	TSTRANSCO	320	DEC-21

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1.	2.	3.	4.	5.	6.
161	Satrikh Road (Lucknow) (New) T/F-I	220/33	UPPTCL	60	DEC-21
162	Kim (Aug) ((1x160 4x100)-(4x100))	220/66	GETCO	160	JAN-22
163	Hoody (T/F-I Replacement of 100 MVA by 150 MVA)	220/66	KPTCL	50	JAN-22
164	Dasuya (Addl. T/F)	220/66	PSTCL	100	JAN-22
165	Shamli s/s (220 /132 kV T/F-I)	220/132	UPPTCL	200	JAN-22
166	Sambhal T/F-I (Capacity Aug.)	220/132	UPPTCL	60	JAN-22
167	Pilibhit T/F-II (Capacity Aug.)	220/132	UPPTCL	60	JAN-22
168	Nighasan Lakhimpur T/F-I (Capacity Aug.)	220/132	UPPTCL	160	JAN-22
169	Jehta Hardoi Road (GIS) (New) T/F-II	220/132	UPPTCL	200	JAN-22
170	Azizpur S/s Shahjahanpur (T/F-I)	220/132	UPPTCL	160	JAN-22
171	Amaria S/S (T/F-I) Pilibhit	220/132	UPPTCL	100	JAN-22
172	Sirohi s/s (Aug)	220/132	RVPNL	100	JAN-22
173	Dechu s/s (Aug.)	220/132	RVPNL	100	JAN-22
174	Bansur s/s (Aug.)	220/132	RVPNL	100	JAN-22
175	Lonikand -II S/S (ICT-II)	220/132	MSETCL	100	JAN-22
176	Lonikand -II S/S (ICT-I)	220/132	MSETCL	100	JAN-22
177	Bhandara S/s (ICT Replacement) (200-100)	220/132	MSETCL	100	JAN-22
178	Mandsaur	220/132	MPPTCL	160	JAN-22
179	Ratu	220/132	JUSNL	300	JAN-22
180	Karamnasha (New) s/s	220/132	BSPTCL	400	JAN-22
181	Netlamadnur (Addl T/F)	220/110	KPTCL	100	JAN-22
182	Kudachi (Addl T/F)	220/110	KPTCL	100	JAN-22
183	Gangavathi (Sulekal) S/S	220/110	KPTCL	200	JAN-22
184	Bhogat s/s	220/66	GETCO	320	JAN-22
185	Timbdi (Aug) ((3x100)-(2x100 1x50))	220/66	GETCO	50	JAN-22
186	Dhuvaran (Aug) ((100 150)-(2x100))	220/132	GETCO	50	FEB-22
187	Magarpatta (ICT Replacement) (200-100)	220/132	MSETCL	100	FEB-22

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1.	2.	3.	4.	5.	6.
188	Ranjangaon SS (Aug.)	220/132	MSETCL	100	FEB-22
189	NPH (Distt. Jodhpur)	220/132	RVPNL	160	FEB-22
190	Madhuvan Bapudham (GIS Ghaziabad) T/F-III	220/132	UPPTCL	60	FEB-22
191	Sikandara Kanpur Dehat T/F-II	220/132	UPPTCL	60	FEB-22
192	Telkoi s/s (T/F-II)	220/33	OPTCL	20	FEB-22
193	Khaperkheda s/s (T/F)	220/33	MSETCL	25	FEB-22
194	Kunnamkulam	220/110	KSEB	200	FEB-22
195	HBR Layout GIS	220/66	KPTCL	300	FEB-22
196	Guttur	220/66	KPTCL	200	FEB-22
197	Channagiri (Nallur/Benkikere)	220/66	KPTCL	200	FEB-22
198	Sahnewal (Augmentation of 100 to 160 MVA)	220/66	PSTCL	60	FEB-22
199	Pakhowal (Augmentation of 100 to 160 MVA)	220/66	PSTCL	60	FEB-22
200	Bottianwala (Addl. T/f)	220/66	PSTCL	160	FEB-22
201	Chithirapuram S/S	220/66	KSEB	63	FEB-22
202	Darbhanga GSS (Aug) (200-160) T/F-I	220/132	BSPTCL	40	FEB-22
203	Gopalganj GSS (Aug) (200-100) T/F-I	220/132	BSPTCL	100	FEB-22
204	Hazipur GSS (Aug) (200-100) T/F-I	220/132	BSPTCL	100	FEB-22
205	Kishanganj (Addl T/F)	220/132	BSPTCL	160	FEB-22
206	Sonenagar (New) GSS (Addl T/F)	220/132	BSPTCL	160	FEB-22
	TOTAL STATE SECTOR			18341	
	TOTAL 220 kV			19541	
	GRAND TOTAL			69592	