

TRANSMISSION LINES (220 kV & above) TARGETED FOR THE FY 2024-25

Sl.No.	Name of Transmission Line	State/CPSUS / Private developers	Circuits (S/C/ / D/C/ M/C	Voltage Level (in kV)	Total length (in ckm)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Total Tower Locations	Foundation completed (Nos.)	Tower Erected (Nos.)	Stringing completed (ckm)	Remarks/Reason for delay
1	220KV D/C LILO OF MTPS (A) - Borjora line at MTPS (B)	DVC	D/C	220	84	May-24	Sep-24	76.00	75.00	75	78.80	Severe ROW problem and delay in obtaining Forest Clearance. FRA obtained, payment against Demand Note made but Stage I yet to receive. Stage I clearance and working permission expected in August 2024.
2	220KV D/C LILO OF CTPS (A) - Kalvaneswari line at RTPS	DVC	D/C	220	48	Apr-24		72.00	72.00	72	52.00	Commissioned
3	FATEHGARH II- BHADLA II 765KV D/C LINE (2ND) (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part B, SPV Name: POWERGRID Bhadla Transmission Ltd.)	Powergrid	D/C	765	405	May-24	Aug-24	529	529	528	403	Line was completed However due to high wind one of the tower got bended. Now again, tower work under progress. Based on the availability of shutdown (as it will cross ckt 1 & ckt 2), line will be charged by Aug-2024. CE (PSPM) suggested POWERGRID that investigation regarding design of tower/reason for bending must be conducted to avoid such cases in future.
4	KHETRI-NARELA 765KV D/C LINE (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part G, SPV Name: POWERGRID Narela Transmission Ltd.)	Powergrid	D/C	765	340	Jul-24	Dec-24	463	368	320	74	1. RoW at 85 loc. in Jhajjar district in Haryana. 2. RoW at 8 loc. in North Delhi district CE (PSPM) suggested POWERGRID to send a request letter to Ministry of Power (MoP) so that a meeting with the concerned DC's may be conducted to resolve the ROW issue. 3. Pending Forest Issues: Forest Delhi (0.95 Ha)-Stage-II Awaited Online proposal submitted on 25.08.23. Stage-I issued on 05.02.24. Working permission accorded on 28.03.24 except delhi portion. Stage-I compliance shall be submitted once FRA certificate obtained from DC. FRA: Proposal submitted to DC.
5	LILO OF 765KV S/C MEERUT - BHIWANI LINE AT NARELA (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part G, SPV Name : POWERGRID Narela Transmission Ltd.)	Powergrid	S/C	765	68	Jul-24	Dec-24	97	58	24	0	1. RoW at 27 loc. in Sonapat district in Haryana. 2. RoW at 12 loc. in North Delhi district CE (PSPM) suggested POWERGRID to send a request letter to Ministry of Power (MoP) so that a meeting with the concerned DC's may be conducted to resolve the ROW issue. 3. Pending Forest Issues: Forest Delhi (0.71 Ha)- Stage-I Awaited Online proposal submitted on 14.10.23. Joint site inspection completed on 15.03.2024. On 20.05.24, DFO sought additional information (CA land & CA Scheme). Documents have been forwarded by DFO, Sonapat to NO, Panchkula. Meeting held with Secy (E&P), HR on 02.07.24. NoC from State of HR obtained on 10.07.24. Clarifications uploaded online on 15.07.24. DFO raised queries on 23.07.24 which were clarified on 24.07.24. 324- Requested shall be submitted to DC after Part-II done by DFO.
6	REMOVAL OF LILO OF BAWANA-MANDOLA 400KV D/C LINE AT MAHARANIBAGH S/S AND EXTENSION OF ABOVE LILO FROM MAHARANIBAGH UPTO NARELA S/S SO AS TO FORM 2X400KV/D/C MAHARANIBAGH- NARELA LINE ON M/C TOWER USING TWIN HTLS CONDUCTOR (Transmission System Strengthening Scheme for Evacuation of Power from Solar Energy Zones in Rajasthan (8.1GW) under Phase-II-Part G1)	Powergrid	D/C	400	57	Jul-24	Dec-24	97	58	24	0	1. Awarded in Mar'22. Work was started. However, work was put on hold due to Non- finalisation of DDA planning. Technical Committee Meeting of DDA held on 03.05.2023. Joint visit with DDA and DMRC done. Clearance received vide Minutes of Meeting dated 26.05.2023 It was informed that the no. of poles has been increased significantly from 8 to 40) and also some towers were redesigned with narrow width as per requirement of DDA. The work also got hampered due to RoW issue and delay in forest clearance. 2. RoW Issue at 30 locations in Delhi 3.Pending Forest Issues: Forest in North Delhi (3.1984 Ha)-Stage-I Awaited. Online proposal submitted on 10.11.2023. On 02.05.24, DFO, North Delhi has sought additional information & reply of the same given on 17.06.24.As per comments of Delhi Forest department i.e. "diversion of minimum forest land should be proposed", data/document as per route-2 are being prepared, which have minimum diversion of forest land. Clarifications uploaded by POWERGRID on 17.06.24. DFO raised queries on 25.06.24 regarding NOC, tree enumeration list, area inclusion, cadastral maps etc. Area revised from 3.3026 ha to 5.0686 and revised proposal uploaded on 22.07.24. Proposal presently under process with PSC IFRA proposal is under process at O/o DM.
7	BHADLA II - SIKAR II 765 KV D/C LINE (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part C SPV Name: POWERGRID Sikar Transmission Ltd.)	Powergrid	D/C	765	618	Dec-24	Dec-24	808	775	630	389	1. RoW at 25 loc. in Sikar district 2.Pending Forest Issues: Forest, Rajasthan (0.25 Ha): Working permission Awaited. Stage-I compliances are submitted online on 11.06.2024. Compliance forwarded to CF by DFO on 21.06.24. Compliance forwarded to NO on 04.07.24. NO forwarded compliance to State Govt on 18.07.24.FRA obtained on 06.06.2024.
8	SIKAR II - NEEMKANA 400KV D/C LINE (TWIN HTLS) (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part C SPV Name: POWERGRID Sikar Transmission Ltd.)	Powergrid	D/C	400	270	Dec-24	Dec-24	368	364	322	147	Pending Forest Issues: 1. Forest (13.013 Ha, Rajasthan): Stage-II Awaited. Working permission accorded on 24.05.24. Issu in Power line LT cable crossing.
9	SIKAR II- ALIGARH 765KV D/C LINE (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part D SPV Name: POWERGRID Aligarh Sikar Transmission Ltd.)	Powergrid	D/C	765	513	Dec-24	Dec-24	679	673	669	492	Forest Proposal Status: 1. Forest (15.8321 Ha, Rajasthan): Stage-II Awaited. Stage-I received on 10.08.2023.Working Permission Received on 18.07.2024. Stage
10	400KV D/C LINE (Q) RAIPUR POOL- DHAMTARI LINE (WRES-XXVII SPV Name: POWERGRID Raipur Pool Dhamtari Transmission Limited)	Powergrid	D/C	400	176	Dec-24	Dec-24	232	175	73	0	work under progress.
11	765KV D/C BHADLA II-SIKAR II D/C LINE (2ND) (Transmission System Strengthening Scheme for Evacuation of Power from Solar Energy Zones in Rajasthan (8.1 GW) under Phase-II Part-E, POWERGRID Bhadla Sikar Transmission Limited)	Powergrid	D/C	765	600	Dec-24	Dec-24	816	521	237	0	1. RoW issues at 2 loc. in Didwana Kuchman & 32 loc. in Sikar. 2.Pending Forest Issues: Rajasthan,Forest (0.77 Ha): Working permission Awaited. Proposal submitted on 23.10.23. Stage-I clearance accorded on 10.04.24. Demand letters obtained and payment made. Compliance submitted to DFO on 16.07.24. DFO raised queries on 30.07.24. FRA: FRA obtained.
12	LAYING OF CABLE BETWEEN MINAMARG & ZOJILLA TOP SECTION OF ALUSTENG-DRASS 220KV SECTION (Transmission System Strengthening for Srinagar-Leh TS)	Powergrid	0	220	12	Dec-24	Dec-24					Cable Trench-Excavation Work under progress (7.9 km completed) HDPE Pipe-3.95/12 Km laying along with jointing completed.
13	MAGARWADA (GIS)-KALA (GIS) 400KV D/C LINE (Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B)	Powergrid	D/C	400	89	Dec-24	Dec-24	149	81	13	0	1. RoW at Gujarat: Valsad Dist. Section 16 (1) awaited: 01 loc. 2. Forest Proposal Status: Forest:Maharashtra: 24.62 Ha, Stage-I awaited, Proposal submitted on 01.12.2022.Proposal accepted in PSC-II meeting held on 21.06.2024 and forwarded to Secretary forest-Maharashtra on 26.06.2024.Secretary forest filled Part-IV and forwarded to IRO-Nagpur on 18.07.2024. Currently Proposal is under process with Technical Officer-Nagpur. Proposal is to be put up in next REC meeting tentatively 10-12/Aug/2024.

Sl.No.	Name of Transmission Line	State/CPSUS /Private developers	Circuits (S/C/ D/C/ M/C	Voltage Level (in kV)	Total length (in ckm)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Total Tower Locations	Foundation completed (Nos.)	Tower Erected (Nos.)	Stringing completed (ckm)	Remarks/Reason for delay
14	NAVSARI(NEW) (SOUTH GUJARAT) (GIS)-MAGARWADA (GIS) 400KV D/C LINE (Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B)	Powergrid	M/C	400	385	Dec-24	Dec-24	266	244	136	8	1. RoW Issues: Daman: Section 16(1) Orders awaited: 04 locs. Navsari Dist.: Section 16 (1) Orders awaited: 7 locs. Valsad Dist. Section 16(1) Orders awaited: 06 locs.
15	NAVSARI(NEW) (SOUTH GUJARAT) (GIS)-PADGHE (GIS) 765KV D/C LINE (Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B)	Powergrid	D/C	765	453	Dec-24	Dec-24	616	357	143	13	1. RoW issues: i) Gujarat: Navsari Dist.: Section 16 (1) Orders awaited: 09 locs. Valsad: Orders awaited: 02 loc. ii)Maharashtra: - 8 locations in Palghar district - 20 locations in Thane district <i>Farmers/landowners are demanding high compensation.</i> 2. Pending Forest Issues: i) Maharashtra: 305.476 ha (Jawhar Division: 258.246 ha/Thane Division: 40.273 ha/Nashik (West) Division : 6.956 ha), Stage-I awaited. <i>Forest proposal re-submitted on PARIVESH 2.0 Portal on 23.11.2023. REC meeting held on 10.07.2024. Site inspection of REC members planned in Aug'24. Upon inspection, Stage-I clearance expected.</i> ii)DNH (0.4 Ha): Stage-I Awaited. <i>Proposal submitted on 20.09.2023. IRO head raised query on 21.05.2024 regarding comment from Chief wild life warden (CLWL), compliance of the query sent to IRO-Gandhinagar by Secretary forest-DNH on 24.06.24 .</i> <i>Currently proposal is under process with IRO.</i> 3.It was also informed that Navsari (New)(South Gujarat)(GIS) - Padghe (GIS) 765 kV D/C line might get delayed from its targeted date of commissioning (Dec-2024) as route may have to be revised due to objection raised by Airport authority regarding height of Tower exceeding the permissible limit defined for Airport area. Chief Engineer (PSPM) suggested to explore for other technical solutions like using truncated towers and taking the lines as single circuit lines as rerouting will lead to much delay of projects.
16	400KV D/C JEYPORE -JAGDALPUR LINE (Inter-regional ER-WR Interconnection (SPV Name: POWERGRID ERWR POWER TRANSMISSION LIMITED))	Powergrid	D/C	400	137	Mar-25	Mar-25	172	129	10	0	1. Pending Forest Issues: i) Forest Chhatigarh (4.48 Ha): Stage-I Awaited. <i>Proposal submitted on 09.06.2023.PSC-I conducted on 20.07.2023 & compliance (EDS raised) submitted on 09.01.2023. Proposal recommended by DFO, Bastar on dtd 01.03.2024. EDS raised by Nodal officer on dtd 27.03.2024. Compliance to queries raised by NO is submitted to DFO, Bastar on dtd 01.05.2024.DFO, Bastar forward the compliance with proposal to Nodal Officer. Proposal recommended by Nodal Officer and forwarded to Add Chief Secretary, Forest & Climate Change Department Raipur (Hard copy on dtd 04.06.24 & Online on dtd 07.06.2024 & proposal under recommendation.</i> ii)Forest Odisha (18.1 Ha): Stage-I Awaited. <i>Proposal submitted on 04.04.2024.PSC meeting held on 29-04-2024, raised EDS (Essential Details sought), complied on 11-05-2024, PSC held on 22-05-2024 and 29-05-2024, Part-II held on 24-06-2024. Proposal forwarded to Govt. of Odisha by PCCF (Nodal) on 06-07-2024. Govt. of Odisha forwarded on 29.07.2024 to Regional office of MOEF (GOI). Regional empowered committee of MoEF (GOI) is expected to meet on Aug'24 end.</i>
17	765KV D/C KPS3-KPS2 LINE (Establishment of Khavda Pooling Station-3 (KPS3) in Khavda Park (SPV Name: POWERGRID KPS3 TRANSMISSION LIMITED))	Powergrid	D/C	765	30	Mar-25	Mar-25	40	23	0	0	Stone piling work was involved.
18	765KV D/C KURNOOL III (PS) - KURNOOL (NEW) (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	D/C	765	225	Mar-25	Mar-25	299	213	87	0	
19	765KV D/C KURNOOL III (PS) - MAHESHWARAM (PG) LINE (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	D/C	765	504	Mar-25	Mar-25	673	406	77	0	Pending Forest Issues: Forest: 26.993 Ha. (Telangana): Stage-I Awaited. <i>Proposal submitted on 30.12.2023. Proposal recommended in PSC-I on 20.02.24. Proposal forwarded to DFO on 22.02.24. Hard copies submitted on 11.03.24. CA land identified and tree enumeration completed. Part II is under process with DFO(s). Part II filled by DFO, Nagarkurnool on 04.07.24. Part II filled by DFO, Ramgareddy on 22.07.24. Proposal discussed in PSC II on 30.07.24.</i>
20	2nd Circuit of Kishanpur - Dulhaithi 400kV D/c (Q) line (Kishtwar - Kishanpur Section) (Transmission system for Evacuation of Power from Pakaldul HEP in Chenab Valley HEPs - LTA System)	Powergrid	S/C	400	130	Mar-25	Mar-25	29	21	17	79	
21	765KV D/C Banskantha-Ahmedabad line (Transmission Network Expansion in Gujarat associated with integration of RE projects from Khavda potential RE zone (POWERGRID KHAVDA RE TRANSMISSION LIMITED))	Powergrid	D/C	765	269	Mar-25	Mar-25	362	175	62	0	1. Work was affected due to severe RoW Issue. Work under progress with the help of Police Protection. 2.Forest Proposal: 1.211 Ha (Gujarat) <i>Proposal submitted on 21.06.2023. Stage-I Received on 01.08.2024. Demand note compensatory levies is to be obtained from DCF-Patan, Mehsana & Ahmedabad</i> <i>FRA for all three division obtained.</i> 1.Patan-Obtained. 2. Mehsana-Obtained 3.Ahmedabad-Obtained
22	LILO of 400kV VTS-IV - Sattenapalli TMDC line at Thallayapalem and Temporary diversion of PGCIL VTS/Nunna-Nellore 3 & 4 Circuits to avoid aerial passage over 400/220kV GIS Thallayapalem	Andhra Pradesh	D/C	400	3	Jun-24	Sep-24	7.0	6.0	4.0	2.42	<i>The work was delayed due to the Elections all over India, the Ganga moved to their native places for voting in their respective constituency. Further, due to shutdown issue of the existing line in view of huge demand in Summer, the work got delayed.</i>
23	400kV QMDC line from 400kV Polavaram SS to 400/220/11kV Guddigudem	Andhra Pradesh	D/C	400	49	May-24	Dec-24	72.0	68.0	67.0	38.33	<i>Delay in execution of works is due to severe resistance from the farmers/Land owners, delay in finalization of compensations, delay in finalization of polavaram GIS gantry, route finalization in Godavari river, continuous crops, limited working season, rains, Forest clearances etc.</i>
24	LILO of 400kV Vemagiri - Sattenapalli TMDC Line at 400kV Sub-Station Gudiwada	Andhra Pradesh	D/C	400	51	Mar-25	May-25	90.0	86.0	23.0	0.00	<i>Delay is due to severe resistance from the farmers for want of higher compensation, continuous crops, limited working season, Labour deployed from other States left the site for Festivals like Eid, Bakrid followed by General Elections, Continuous alerts of rains.</i>
25	220 KV SMDC line converted to TMDC from 400 KV Hindupur to 220 KV Pampunurthanda	Andhra Pradesh	D/C	220	148	Jun-24	Dec-24	268.0	245.0	226.0	61.65	1. Severe ROW in 19 locations. Land owners are demanding high compensation and some land owners are demanding for shifting of towers. 2. Resolving ROW issues one by one with the help of Revenue and Police authorities
26	LILO of existing 220 KV Gooty - Shapuram line at proposed 220 KV Dharmavaram SS	Andhra Pradesh	D/C	220	3	Jun-24	Nov-24	8	8	8	3.28	<i>Line work completed. will be charged after completion of Connected Substation (Dharmavaram SS).</i>
27	220KV DC line from 400KV SS Jammalamadugu to proposed 220KV SS Bethamcherla in Kurnool District	Andhra Pradesh	D/C	220	152	Jun-24	Aug-24	258	258	258	152.00	<i>OPGW stringing work under progress.</i>
28	LILO of Palamaneru- Madanapalli line at 220kV SS Punganuru	Andhra Pradesh	D/C	220	6	Jun-24	Aug-24	13	13	13	4.48	<i>Work under progress</i>

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29	LILO of existing 220 KV Nunna - KTPS Single circuit line at 220kV SS Tiruvuru	Andhra Pradesh	D/C	220	3	Jul-24	Dec-24	16	14	7	0.00	1. Due to ROW issue, farmers have accepted the line deviation at Loc.No.AP 4/0. 2. AP 6 & AP 3 Tower foundation works under progress
30	220KV DC line from 220KV Gunadala Sub Station to 220KV Nunna Substation	Andhra Pradesh	D/C	220	13	May-24	Dec-24	34	34	34	12.32	Work under progress.
31	220 KV multi circuit line for making Double LILO of 220KV Gudivada-Akveedu Bhimavaram DC line at Proposed 400/220 KV SS Gudivada	Andhra Pradesh	M/C	220	38	Dec-24	Mar-25	63	42	1	0.00	Court case is pending filed by local Villagers.
32	LILO of 220kV VTS - Tallapally-1 at 220/132 kV SS Rentiachintala	Andhra Pradesh	D/C	220	3	Apr-24	May-24	5	5	5	3.00	Commissioned
33	LILO of 220 kv ongole-Racheripadu line at 220 kv ss Kandukur	Andhra Pradesh	D/C	220	6	May-24	Sep-24	13	13	13	6.76	All works completed. Testing and Commissioning works under process.
34	Brandix SS to Atchurhapuram GIS	Andhra Pradesh	D/C	220	7	Jun-24	Dec-24	11	11	11	7.00	Line idle Charged on 06.07.2024
35	220 KV DC line By making LILO of 220 KV VSS-Kakinada SC line and 220 KV Anrak-Samalkota SC line at proposed 220/132/33 KV SS Chandanada	Andhra Pradesh	S/C	220	11	Dec-24	Dec-24	60	53	26	1.03	Work under slow pace due to payment issues to the Contractor from Government of Andhrapradesh through M/s. ADB under VICIDP (Visakhapatnam-Chennai Industrial Corridor Development Program) scheme.
36	220KV DC line from 400/220KV SS Kamavarakukota to 220/132/33 KV Bhimadole Substation.	Andhra Pradesh	D/C	220	37	May-24	Sep-24	69	69	69	37.00	Line idle charged on 12.07.2024 at Bhimadole end.
37	LILO of existing one circuit of 220kV VTS - Kamavarakukota line at 400/220kV SS Kamavarakukota	Andhra Pradesh	D/C	220	3	May-24	Sep-24	9	9	8	0.00	Baye:-Earth pit works under progress. Line:- Line Stringing works to be taken up. Insisting the Contractor to expedite the balance works for early commissioning of the line
38	LILO of (Quad) Barh - Patna at Bakhtiyarpur (New)	Bihar	D/C	400	41	Oct-24	Sep-24	61.00	61.00	61	41.48	Work completed. Line will be charged after commissioning of Bakhtiyarpur Grid.
39	Bakhtiyarpur (New) - Fatuha (BSPTCL)	Bihar	D/C	220	92	Oct-24	Oct-24	159.00	157.00	156	89.60	Railway clearance pending
40	BTTP - Dumraon (New) GSS	Bihar	D/C	220	129	May-24		216.00	216.00	216	129.00	Commissioned
41	LILO of Sipara (BSPTCL) - Bihta (BSPTCL) at Jakkannpur (New)	Bihar	D/C	220	47	Jun-24	Aug-24	88.00	47.00	40	6.02	Severe ROW
42	Pusouli (New) - Dehri	Bihar	D/C	220	125	May-24		179.00	179.00	179	125.00	Commissioned
43	Thakunganj - Kishanganj (New) Trans. line	Bihar	D/C	220	52	May-24	Sep-24	152.00	152.00	148	85.54	Severe ROW issue at 2-3 locations.
44	220 kv d/c Banka(PG)-Goradih Transmission Line	Bihar	D/C	220	78	Sep-24	Sep-24	112.00	110.00	99	10.00	Work under progress. ROW at 2-3 locations.
45	LILO of 400 KV Raita-Jagdalpur line at 400 KV Kurud (Dhamtari) S/s	Chhattisgarh	D/C	400	3	Sep-24	Sep-24	5.00	5.00	0	0.00	
46	Raipur (PGCIL Kumhari) to Raita	Chhattisgarh	D/C	400	6	Dec-24	Dec-24	14.00	0.00	0	0.00	
47	Kurud-Patan line	Chhattisgarh	D/C	220	44	Apr-24		84.00	84.00	84	43.00	
48	Kurud-Rajim line	Chhattisgarh	D/C	220	66	Feb-25	Feb-25	107.00	88.00	74	0.00	
49	Kurud-Gurur line	Chhattisgarh	D/C	220	74	Dec-24	Dec-24	121.00	91.00	51	0.00	
50	2nd circuit of 220 Khedamara-bemetara line from 220 KV s/s Ahiwara to 220 KV s/s Bemetara line	Chhattisgarh	S/C	220	38	Apr-24	Dec-25	0.00	0.00	0	27.00	
51	LILO of Khedamara-Thelkadih at Semariya	Chhattisgarh	D/C	220	3	Dec-24	Dec-24	13.00	13.00	12	2.80	
52	220KV Kashmiri Gate Substation to 220KV GIS Substation at Timarpur	Delhi	D/C	220	5	Jun-24	Sept / 24	-	-	-	-	94% work completed. End termination at Timarpur end is completed. At Kashmere Gate End termination service engineer of GIS OEM (M/s Siemens) is awaited for termination. GIS bay work is in progress.
53	400 kV D/C Varsana - Halvad (PACKAGE-1) (Varsana TO AP-44) With Quad Moose Condu. and 1 OPGW & 1 Earth Wire	Gujarat	D/C	400	144	Dec-24	Dec-24	213.00	210.00	190	47.08	Work is held up due to Monsoon
54	400 kV D/C Varsana - Halvad Line (PACKAGE-2) (AP-44 TO HALVAD) With Quad Moose Condu. and 1 OPGW & 1 Earth Wire	Gujarat	D/C	400	94	Dec-24	Dec-24	147.00	143.00	142	63.63	Work is held up due to Monsoon
55	Balance work of 400 kV D/C Vadavi - halvad Line (PACKAGE-2) (AP-41 to Halvad) With Twin AL-59 Condu. and 1 OPGW & 1 Earth Wire	Gujarat	D/C	400	149	Jun-24	Dec-24	214.00	190.00	188	118.61	Delay Due to Severe RoW issue. recently, work is held up due to Monsoon
56	400 kV D/C Shapur - Pachcham (Fedra) Line with Twin AL-59 cond. & 1 OPGW and 1 Earth Wire	Gujarat	D/C	400	197	Jun-24	Dec-24	301.00	289.00	279	114.17	Delay due to Severe RoW issue, Monsoon & Pile Foundation
57	220 kV D/C Gavasad - Sulejada line with AL-59 condu. & Earth Wire	Gujarat	D/C	220	194	Jun-24	Dec-24	327.00	305.00	289	153.25	Delay Due to Severe RoW issue and Monsoon season
58	220 kV D/C Shapur - Ghisyavud line with AL-59 conductor	Gujarat	D/C	220	85	Sep-24	Sep-24	168.00	125.00	119	36.48	Work is held up due to Monsoon
59	LILO of both ckt of 220kV D/C Kalawad - Kangasivali line at Siddheshwar S/s	Gujarat	D/C	220	10	Jul-24	Jul-24	28.00	28.00	22	4.51	Work is held up due to Monsoon. Expected completion date:
60	220KV S/C Dhama - Bechradi line on 220kV D/C towers (Tap location of existing 220 kV Bechradi - Sural line to 220kV Dhama S/S)	Gujarat	D/C	220	23	Jan-25	Jan-25	41.00	27.00	13		Work is held up due to Monsoon
61	220kV D/C Motigop Babarzar line (Babarzar gantry to AP 7) - under stopgap	Gujarat	D/C	220	5	Sep-24	Sep-24	14.00	10.00	6		Work is held up due to Monsoon
62	220kV D/C Motigop Babarzar line (AP 7 to Motion gantry)	Gujarat	D/C	220	32	Sep-24	Sep-24	57.00	24.00	12		Work is held up due to Monsoon
63	220kV D/C CHORANA - SALEJADA LINE with AL-59 condu. & OPGW	Gujarat	D/C	220	135	May-24		221.00	221.00	221	135.00	Line charged on 03-07-2024 Delay due to Theft issue & Monsoon
64	LILO of 400 kV Lahal Rajera Transmission Line at Kuthar (240 MW) HEP.	Himachal Pradesh	D/C	400	1	Jun-24		5.00	0.00	0	0.00	
65	LILO of 220kV D/C Bajoli Holi to Lahal Transmission Line at 220/66 kV Heiling Sub-Station	Himachal Pradesh	D/C	220	1	Jul-24		4.00	2.00	0	0.00	
66	Stringing of 2nd Circuit from Dehar HEP of BBMB to Kaneco Sub-Station	Himachal Pradesh	D/C	220	4	Sep-24		2.00	1.00	0	0.00	
67	400/220 kV GIS of POWERGRID at Airendwala to 220/132/33 kV AIS of HPPTCL at Andheri, Kala Amb, Distt. Sagar.	Himachal Pradesh	D/C	220	6	Apr-24		22.00	22.00	22	10.90	Commissioned
68	220/132kV MCT Transmission Line from Kala Amb to T-19 of Jamta Kala Amb Line	Himachal Pradesh	M/C	220	36	Jul-24		41.00	39.00	30	14.40	
69	LILO of Tepla (220 kV) - Madanpur (220 kV) line at 220kV Sadhaura SS and LILO of Tepla (220 Kv) to Raiwali (220kV) at 220kV Sadhaura SS	Haryana	M/C	220	103	Aug-24	Dec-24	128.00	121.00	61.00	47.18	ROW issues Court case at 2 locations. Delay in forest case approval
70	220kV D/C line from 400kV PGCIL Panchkula to 220kV Sadhaura.	Haryana	D/C	220	76	Aug-24	Mar-25	163.00	127.00	23.00	0.00	ROW issues (TL no. 14 to 33). The farmers and Kisan union (Bharat Kisan Union) through demanding higher compensation as per market rate. The matter is being taken up with Distt. Administration for providing the police protection. Delay in forest case approval cases. Delay in approval from NHAI crossing.
71	LILO of Both Circuits of 220kV PGCIL Hisar- Fatehabad D/C line at 220kV Chikanwas (Hisar) with 0.4 sq. inch ACSR	Haryana	M/C	220	19	Mar-25	Mar-25	25.00	25.00	22	0.12	work under progress
72	LILO of 220kV D/C PTPS Jind line at 400KV PGCIL, Khatkar(Jind)	Haryana	M/C	220	18	Mar-25	Mar-25	39.00	36.00	0	0.00	work under progress
73	220KV KV D/C Line from 400KV S/Stn PGCIL Sonipat to IMT Pocket-A, Kharkhoda	Haryana	D/C	220	44	Mar-25	Mar-25	89.00	60.00	-	-	RoW issue
74	220KV KV D/C Line from 400KV S/Stn PGCIL Bahadurgarh to IMT Pocket-B, Kharkhoda	Haryana	D/C	220	56	Mar-25	Mar-25	106.00	34.00	-	-	RoW issue

Sl.No.	Name of Transmission Line	State/CPUS/ Private developers	Circuits (S/C/ D/C)/ M/C	Voltage Level (in kV)	Total length (in ckm)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Total Tower Locatio ns	Foundatio n completed (Nos.)	Tower Erected (Nos.)	Stringing complete d (ckm)	Remarks/Reason for delay
75	220 kV D/C Line from 220kV S/Stn. Sonipat to 220kV Sector-6, Sonipat	Haryana	D/C	220	6	Mar-25	Mar-25	14.00	-	-	-	Route approved, but delay in route from HSVP (Haryana Shahri Vikas Pradhikaran).
76	LILo of 220 kV D/C PTFS-Jind line at 220kV S/Stn. Nain.	Haryana	M/C	220	33	Feb-25	Feb-25	39.00	37.00	0	32.50	Work held up due to paddy crops.
77	LILo of 1 ckt of 220kV D/C Samaypur-puwal at 220kV Harfali	Haryana	D/C	220	1	Mar-25	Aug-24	4.00	4.00	0.00	0.00	Erection work held up due to water logging due to excessive rain.
78	LILo of 220kV Mohana- Samalkha D/C line at 400kV S/Stn. Jhajji (PGCIL) on M/C towers	Haryana	M/C	220	13	Jun-24	Dec-24	24.00	24.00	23	2.50	Forest Stage-1 clearance is pending
79	220kV D/C line from 220kV Meerpur Kurali to TSS Rundhi as a deposit work of Indian Railway	Haryana	D/C	220	25	May-24	Aug-24	47.00	47.00	46.00	12.21	The stringing is pending due to non- providing of Railway block by Indian Railway.
80	220kV D/C line from 765kV S/stn. PGCIL Bhiwani to 220kV S/stn. Isherwal	Haryana	D/C	220	100	Jul-24	Dec-24	212.00	209.00	193	37.83	Severe RoW issue
81	LILo of both ckts of 220kV Pali-Sector-65 D/C Line at 400kV Substation Kadarnur	Haryana	M/C	220	26	May-24	Aug-24	45.00	45.00	34.00	1.47	due to delay in forest clearnace and farmer agitation
82	220kV D/C line on M/C towers from 400kV S/Stn. Prithla to 220kV S/Stn. Sector 78, FBD.	Haryana	D/C	220	59	Sep-24	Sep-24	169.00	144.00	89.00	0.00	1. ROW issue 2. Stringing is delayed due to slow progress by the firm. The request has been made to the firm to de-oute the extra span.
83	LILo of 400kV Sec -72 Gurugram (PGCIL) to 220kV Sec -72 Gurugram (HVPNL) at 220kV Sec 15-II Gurugram.	Haryana	D/C	220	10	May-24	Aug-24	28.00	28.00	18.00	2.00	1) Shutdown was not availed due to scorching summer. 2) Five no. location was passing through the GAIL corridore hence these foundation location execution was delayed due to criticality of execution in the pipeline area. 3) Slow progress by firm.
84	220kV D/C line from 400kV S/Stn. Panchgaon (PGCIL) to 220kV S/Stn. Panchgaon	Haryana	M/C	220	48	Apr-24	Jul-24	2.00	2.00	2.00	2.00	
85	LILo of 220kV D/C Govindpur - TTPS TL at Jainapura	Jharkhand	D/C	220	47	Oct-24	Oct-24	93.00	93.00	81	16.22	
86	Quad Essar (Chandwa) - Latehar (JUSNL) TL (executed by PGCIL under JCP)	Jharkhand	D/C	400	80	Oct-24	Oct-24	122.00	122.00	120	42.33	
87	PUVNL- Patratu	Jharkhand	D/C	400	14	Jun-24	Jun-24					
88	Patratu-Latehar (executed by PGCIL under JCP)	Jharkhand	D/C	400	215	Oct-24	Oct-24	304.00	275.00	261	82.54	
89	Keonics (Electronic City) : LILo at Keonics (Electronic City) to Myslandra-Yaradanahalli	Karnataka	S/C	220	7	May-24	Jul-24	9/9Sec cable laying completed			7.00	CEIG approval awaited
90	Keonics (Electronic City) : LILo at Keonics (Electronic City) to Somanahalli-hoody	Karnataka	S/C	220	13	May-24	Jul-24	15/15 sec cable laying completed			13.00	CEIG approval awaited
91	Ghanagapura to Aaheri line	Karnataka	D/C	220	112	Sep-24	Sep-24	215.00	211.00	206	66.45	Work under progress
92	Ghanagapura to link shahpur-khanapura line	Karnataka	D/C	220	21	Sep-24	Sep-24	32.00	17.00	14	0.00	Work under progress
93	Somasamudra to BTPS (Bellary Thermal Power plant) (Kudithini)	Karnataka	D/C	220	41	Aug-24	Aug-24	64.00	64.00	51	28.82	Work under progress
94	LILo at Somasamudra to Ailipura-Ravaloadu Line	Karnataka	D/C	220	12	Aug-24	Aug-24	28.00	28.00	25	12.24	Work under progress
95	Bilagi: LILo of 220kV Kudgi-vajramatti DC line at proposed 220/110kV Bilagi SS.	Karnataka	D/C	220	74	Oct-24	Mar-25	73.00	61.00	23	25.99	21 towers in back water. 14nos completed. Remaining will be taken up after draining of water.
96	Conversion of 220 kV Bidnal-Soundatti Mahalingapura S/C line to 220 kV Bidnal - Mahalingapur D/C line	Karnataka	D/C	220	125	Jul-24	Jul-24	457.00	457.00	457	125.25	Commissioned on 03.07.2024.
97	Santhpur: 220kV DC line from the existing 220/110 kV Halabarga s/s to the proposed santhpur s/s	Karnataka	D/C	220	57	Aug-24	Aug-24	103.00	101.00	97	49.88	work under progress
98	Yelburga: LILo of Doni-Ron lines at the proposed 220/110/11kV Yelburga Sub-Station	Karnataka	D/C LILo	220	68	Jan-25	Jan-25	68.00	57.00	1	0.00	work under progress
99	Yelburga: from the existing 220/110/11kV Kushtagi Sub-Station to the proposed 220/110/11kV Yelburga Sub-Station	Karnataka	D/C	220	57	Aug-24	Aug-24	113.00	95.00	83	12.60	work under progress
100	Hangal: Construction of 220kV DC line on DC towers from 220 kV Hircmallanahole (Kushtagi) to Hangal D/C Line	Karnataka	D/C	220	73	Feb-25	Feb-25	140.00	82.00	55	0.85	work under progress
101	220kV CB Pura I/A -Work-A: Construction of 220kV DC LILo line from proposed 220 kV Chintamani-Mittemari D/ C line (both circuits) at proposed 220kV CTT	Karnataka	D/C	220	111	Nov-24	Nov-24	101.00	75.00	69	32.00	work under progress
102	Kanhirede-Mylatty 220 kV DC line	Kerala	D/C	220	168	Jun-24	Nov-24	273.00	255.00	251	135.32	Unexpected rains, water logged tower locations and delay in availing shutdown for various phases have affected the progress of work.
103	220 kV Transmission lines to Pathanamthitta and Kakkad substations	Kerala	D/C	220	114	May-24	Dec-24	197.00	169.00	156	75.40	Shortage of blasting materials due to the restriction during general elections, and unexpected rains in May have affected the progress.
104	LILo of both circuits of Satna-Chhatrapur 220kV line at Ajaygarh (TBCB)	Madhya Pradesh	D/C	220	14	Dec-24		10.00	10.00	10	14.14	Commissioned
105	Sagar - Begamganj 220kV line (TBCB)	Madhya Pradesh	D/C	220	140	Dec-24		196.00	196.00	196	125.08	Commissioned
106	LILo of both circuits of Sidhi - Hindalco 220kV line at Bargawan 220kV S/s (TBCB)	Madhya Pradesh	D/C	220	40	Dec-24	Dec-24	37.00	8.00	0	0.00	Work under progress
107	LILo of both circuit of Itarsi (PGCIL) - Bhopal 400kV line (on Twin Moose) at Mandideep 400kV S/s (TBCB)	Madhya Pradesh	D/C	400	20	Jan-25	Jan-25	6.00	6.00			Work under progress
108	LILo of both circuits of Hoshangabad - Mandideep - Adampur 220kV line at Mandideep 400kV S/s (TBCB)	Madhya Pradesh	D/C	220	40	Jan-25	Jan-25	10.00				Work under progress
109	LILo of both circuits of Satpura-Itarsi-Handiya 220kV line at Bisonikala 220 kV S/s (TBCB)	Madhya Pradesh	D/C	220	20	Jan-25	Jan-25	20.00				Work under progress
110	LILo of both circuits of Chhedaon - Nimrani 220kV line at Khargone 220kV S/s (TBCB)	Madhya Pradesh	D/C	220	60	Jan-25	Jan-25					Work under progress
111	LILo of one circuit of Satpura TPS-Itarsi 220 kV line at Shahpur 220 kV S/s (TBCB)	Madhya Pradesh	D/C	220	10	Jan-25	Jan-25	20.00				Work under progress
112	LILo of one circuit of 400kV Damoh(PGCIL) - Bhopal line at Sagar 400kV S/s	Madhya Pradesh	D/C	400	38	Mar-25	Mar-25	58.00	55.00	8	0.00	Work under progress
113	220kV Koradi-II to Butthori-III DCMC line	Maharashtra	D/C	220	106	Jun-24	Jul-24	189.00	189.00	189	109.21	Commissioned on 04.07.2024
114	220 kV M/C LILo on 220kV Tarapur-Borivali & Boisar-Ghodbandar line at 400kV Kudus S/s	Maharashtra	M/C	220	118	Nov-24	Nov-24	120.00	110.00	108	89.51	Severe RoW. Non forest area work completed. Remaining all locations in forest area. Forest : Stage -1 approval received on 08.07.2024. Demand note awaited from DCF Dahanu.
115	220kV D/C line from Vishwind- Bhenda	Maharashtra	D/C	220	86	Jun-24	Dec-24	141.00	140.00	139	64.19	Severe RoW issues at one location.
116	220 kV Kumbhargaoon (Nanded)- Kurunda line (Pkg-B)	Maharashtra	D/C	220	55	Jun-24	Sep-24	107.00	107.00	105	30.70	Work delayed due to delay in supply of Conductor and tower material. However, now material received at site.
117	220 kV LILo on Kolshet-Wada & Padghe-Wada line at 400kV Kudus S/s	Maharashtra	M/C	220	36	Dec-24	Dec-24	50.00	29.00	27	14.80	Due to rainy season, site is inaccessible. 1) All works except forest area completed. 2) SBWL proposal approved on 27.06.2024. 3) NBWL proposal was taken in meeting dtd 31-07-2024.
118	220kV DC line from Umrud S/stn to Nagehid s/s (Part-III)	Maharashtra	D/C	220	49	Nov-24	Nov-24	94.00	90.00	90	25.25	a) 4 locations in forest balance, Forest approval awaited. b) NBWL proposal was taken in meeting dtd 31-07-2024.
119	220kV Nagewadi- Bhokardhan line	Maharashtra	D/C	220	90	Jun-24	Dec-24	151.00	140.00	122	52.57	ROW issues. Valuation awaited from concerned SDOs.

Sl.No.	Name of Transmission Line	State/CPBUS /Private developers	Circuits (S/C/ D/C/ M/C	Voltage Level (in kV)	Total length (in ckm)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Total Tower Locations	Foundation completed (Nos.)	Tower Erected (Nos.)	Stringing completed (ckm)	Remarks/Reason for delay
120	LILO of 220 kV Bhigwan Kurkumb line at 400 kV Karjat substation	Maharashtra	D/C	220	36	May-24	Aug-24	52.00	52.00	51	31.48	RoW issues, Row are being resolved with the help of revenue & police authorities.
121	220 kV DCDC Jeur-Karjat line	Maharashtra	D/C	220	101	May-24	Aug-24	163.00	162.00	162	84.73	RoW issues, Row are being resolved with the help of revenue & police authorities.
122	LILO of 220kV Kalwa- Bagaon line at Mankoli substation	Maharashtra	D/C	220	1	Jun-24	Mar-25	4.00	4.00	3	0.00	Outage issue. Outage required for LILO portion: On 220kV Kalwa- Bagaon line & Knowledge Park- Nashik line, expected upto 15th August-2024.
123	220KV Uppalwadi-Pardi UG Cable	Maharashtra	D/C	220	26	Jun-24	Nov-24	NA	NA	NA	23.16	Involvement of 4 bridges & HDD (Horizontal Directional Drilling) work. a) Fabrication on Nag River crossing NMC (Nagpur Municipal corporation) water pipeline for passing 6 nos. of 220 kV single core cable and 1 number of Railway crossing with cathodic coating on 14 mm thick MS pipe to be done for railway crossing.
124	LILO on 220kV Shendra- Chitepimpalgaon line at 220kV Shendra DMIC GIS s/s	Maharashtra	D/C	220	6	Jun-24	Aug-24	NA	NA	NA	6.00	Work of 3 nos JB jointing is balance which in progress. Work delayed due to cable theft (85 m).
125	220KV DC Kalmeshwar-Warud line (Phase III)	Maharashtra	D/C	220	45	Jun-24	Sep-24	75.00	75.00	75	43.34	i) Only stringing between 3 spans (1Km) in forest balance. Forest approval awaited. ii) REC meeting conducted on 06.02.2024. iii) NHTL proposal was taken in meeting dtd 31-07-2024.
126	LILO of Belimela-Malkangiri line at Govindpalli	Odisha	D/C	220	75	Dec-24	Jun-25	146.00	146.00	146	0.00	Forest clearance awaited
127	LILO of Bhanjanagar-Meramundali line at Dasapalla	Odisha	D/C	220	59	Jun-24	Mar-25	109.00	108.00	99	22.50	Forest clearance awaited
128	LILO of 220 kV Nuapada Pratapsan Line at Ballanta GSS	Odisha	D/C	220	20	Jun-24	Dec-24	48.00	44.00	42	7.00	Severe ROW issues
129	Shifting of 220 KV S/C Patti-Vernal line from 220 KV Vernal to 400 KV S/S Anritanar	Punjab	D/C	220	2	Apr-24	Jul-24	8.00	8.00	8	2.00	work completed on 19.07.24. line will be energised by 31.07.24
130	400 kv Rajpura s/s to 220 kv Rajpura s/s D/C on D/C towers	Punjab	D/C	220	3	Sep-24	Dec-24	14.00	6.00	0	0.00	ROW issue by Kisan Union.
131	LILO of one ckt of 400 kV Ludhina PGCL Koldam at proposed 400 KV S/S Ropar, Tala Gurdaspur (Special)	Punjab	D/C	400	7	Jun-24	Jul-24	23.00	23.00	23	14.00	Line energised on dated 20.07.2024
132	Lilo of one ckt of 220 KV Jamalpur-Dhandari Kalan-1 line at 220 KV Sherpur S/S.	Punjab	D/C	220	4	Jun-24	Oct-24	5.00	5.00	3	0.00	Work in progress.
133	Work for connecting 400 kv Rajpura to 220 kv Mohali-1 (one ckt direct, one via 220 kv Banuri)	Punjab	D/C	220	4	Jul-24	Dec-24	19.00	1.00	0	0.00	ROW issue by kisan union.
134	220 KV Mansa- Budhlada line	Punjab	D/C	220	52	Jul-24	Nov-24	100.00	99.00	95	38.66	Work in progress. Due to water logging, work will be completed after paddy season.
135	220 KV D/C line from 400 KV S/S Dhanansu to Tata Steel plant, Kadiana Khurd (Contributory work)	Punjab	D/C	220	5	Mar-25	Mar-25	30.00	9.00	7	0.00	Work in progress.
136	Lilo of one ckt of 220 KV Gangawal-Jamalpur at 400 KV S/S Dhanansu.	Punjab	D/C	220	9	Mar-25	Mar-25	33.00	5.00	4	0.00	Work in progress.
137	LILO of 220 KV Sarma Wadala Granthian at Gurdaspur.	Punjab	D/C	220	16	May-24		31.00	31.00	31	16.00	Commissioned
138	LILO of 220 KV S/Stn Mansa - Sunam at 400 KV S/Stn Patran	Punjab	D/C	220	85	Apr-24		144.00	144.00	144	85.00	Commissioned
139	LILO of 230 KV Mylapore - Taramani feeder at the proposed Thiruvanniyur 230 KV GIS SS.	Tamilnadu	D/C	230	2	Dec-24	Mar-25	-	-	-	-	Cable work completed. Connected SS (Thiruvanniyur 230/33KV SS) works delayed due to contract issues.
140	LILO of 230 KV Alishchappatti - Udayathur line at Nanguneri. 230 KV SS.	Tamilnadu	D/C	230	40	Sep-24	Sep-24	88.00	88.00	88	40.00	Line work completed. Connected S/s (Nanguneri) not ready.
141	LILO of Pudhansandhai - Pugalur 230 KV Feeder at Nallur SS	Tamilnadu	M/C	230	24	Mar-25	Mar-25	33.00	33.00	27	6.00	Work under progress
142	Extension of Shoolagiri- Karimangalam line (from location no. 6 of Shoolagiri-Karimangalam line) to Udannapally 230 KV SS.	Tamilnadu	S/C	230	2	Apr-24		12.00	12.00	12	2.34	Commissioned
143	Thervoiandigai - Manali 400KV Line	Tamilnadu	D/C	400	73	Jun-24	Aug-24	104.00	104.00	104	73.00	All works completed. PTCC/CEIG clearance awaited
144	Laying of 400KV UG Cable from OH and UG common point at Manjimbakkam to the proposed Korattur 400KV SS.	Tamilnadu	S/C	400	12	Jun-24	Aug-24	-	-	-	12.00	Cable Work completed. PTCC clearance awaited. Pre-commissioning testing under progress.
145	Lilo of Thappagundu - Anaiadavu at Udumalpet (PGCIL SS)	Tamilnadu	D/C	400	40	Jun-24	Dec-24	60.00	60.00	60	36.00	RoW issues. Crop/Tree compensation to be paid before taking up work. Re-assessment of crop/tree compensation under process.
146	Otiyambakkam (Sholinganallur) - KITS	Tamilnadu	D/C	230	21	Sep-24	Dec-24	37.00	33.00	33	6.00	Cable portion work awarded. 2 out of 7 sections cable laying completed. Work under progress in 3 sections. 4 Nos. towers falling under Revenue hand. Permission awaited from District Collector.
147	Laying of UG cable by making LILO in the proposed 230 KV Alamythi-Sperumbudur feeder at the proposed Avadi 230/110 KV SS	Tamilnadu	D/C	230	9	Jun-24	Sep-24	-	-	-	-	Cable work. Railway permission delayed. Cable laying completed in 3 out of 9 sections.
148	Laying of UG cable by making LILO in the existing 230 KV Korattur- Kilpaik water works at Ganesh Nagar 230 KV SS.	Tamilnadu	D/C	230	3	Jun-24	Dec-24	-	-	-	-	Cable work. Road cut permission could not be obtained as per schedule. Work under progress in 1 out of 3 sections.
149	LILO of 230 KV Otiyambakkam - Omega Feeder II at the proposed Mambakkam 230/110 KV SS.	Tamilnadu	D/C	230	68	Sep-24	Dec-24	106.00	101.00	96	33.18	Cable work 1 out of 6 sections completed. For line work in 5 locations, Forest Department Stage-I approval obtained. Stage-II approval awaited.
150	UG Cable from Basin Bridge to TNEB Head Quarters	Tamilnadu	S/C	230	7	Jun-24		-	-	-	-	Commissioned
151	CMRL Central Jail to Mambalam 230kV GIS SS UG Cable	Tamilnadu	S/C	230	9	Jun-24	Sep-24	-	-	-	-	Cable work completed. Fault rectification work under progress. Road cut permission awaited.
152	Kilpaik - TNEB HQ	Tamilnadu	S/C	230	6	Jun-24	Sep-24	-	-	-	-	Cable work completed. Fault rectification work under progress. Road cut permission awaited.
153	LILO of S.P.Koil - Oragadam at Maraimalai Nagar 230 KV SS	Tamilnadu	D/C	230	9	Sep-24	Dec-24	17.00	17.00	15	7.00	Cable laying work in 4 sections completed except Railway crossing. To be taken up, line work under progress.
154	LILO of existing 230 KV Arni - Siperumbudur feeder (0.81 KM) at the proposed Vembakkam 230 KV SS	Tamilnadu	D/C	230	2	Jun-24	Sep-24	5.00	5.00	5	2.00	Work completed. Will be charged after commissioning of Connected SS (Vembakkam SS)
155	LILO of the existing 230 KV Myvady - Kurukathi - Pugalur feeder at sanctioned Rasinalayam 400 kV SS	Tamilnadu	D/C	230	46	Sep-24	Sep-24	93.00	92.00	91	42.00	Severe RoW issues at 2 locations. Due to long delay work was short closed. Now, retendering for balance portion of work is under process.
156	LILO of Arasur -Ingur 230 KV Line at Kalvelampatty 230KV SS	Tamilnadu	D/C	230	31	Nov-24	Nov-24	70.00	49.00	34		work under progress.
157	Yadadri TPP - Dindi	Telangana	D/C	400	208	Apr-24		290.00	290.00	290	208.00	Commissioned
158	Veltor SS - Yedula SS	Telangana	D/C	400	94	Jun-24	Aug-24	139.00	139.00	139	94.00	SAS integration at 400kV Veltor got delayed due to non response from M/s. ABB & M/s. GE SAS integration of new 2nos 400kV bays at 400kV Veltor SS is under progress and Equipment testing at connected Bays are under progress. Statutory remarks attended
159	Yadadri TPP - Choutuppal	Telangana	D/C	400	185	Jun-24	Dec-24	259.00	259.00	258	70.00	Tower erection at 1 No location is pending due to ROW.
160	Yadadri-TPP - Jangon	Telangana	D/C	400	278	Dec-24	Dec-24	402.00	367.00	290	44.00	Severe ROW and standing crops issue
161	Narasapur to Bowrampet (Lattice Structures); Narasapur to Bowrampet (XLPE UG Cable); Narasapur to Bowrampet (Monopole towers)	Telangana	M/C; D/C cable; D/C	220	148	Sep-24	Dec-24	159.00	151.00	151	141.50	Reasons for delay : HMDA/Urban Forestry/Police dept Clearance pending
162	220KV Palakurthy - Kakatiya Mega Textile Park	Telangana	D/C	220	60	Dec-24	Dec-24	110.00	99.00	89	18.00	Severe ROW Railway permission pending
163	Damaracherla to - Huzurnagar	Telangana	D/C	220	77	May-24	Aug-24	137.00	137.00	137	77.00	OPGW conductor supplied was defective and also some ROW issues .
164	Jangon to Husnabad	Telangana	D/C	220	79	Aug-24	Aug-24	139.00	139.00	139	79.00	220kV Line works completed. Statutory inspection to be carried out.
165	Dichpally- YacharamThanda	Telangana	D/C	220	54	Jul-24	Aug-24	97.00	97.00	97	54.00	Getting delayed due to heavy rains and man power issues, Row issues.
166	Aligarh - Shamli Line	Uttar Pradesh	D/C	400	478	May-24	Jul-24	737.00	737.00	737	478.00	Ckt-I & Ckt-II Energised on 03.07.2024
167	Shamli(400)- Deoband DC line	Uttar Pradesh	D/C	220	93	May-24	Oct-24	150.00	150.00	149	79.00	Water logging in fields, paddy crop in fields and RoW.
168	220 kV Badhaikalan (Muzaffarnagar) - Shamli Line	Uttar Pradesh	D/C	220	66	Aug-24	Oct-24	113.00	113.00	104	56.00	Supply of tower parts is pending. Water logging in fields, paddy crop in fields and RoW.

Sl.No.	Name of Transmission Line	State/CPSUS /Private developers	Circuits (S/C/ D/C/ M/C	Voltage Level (in kV)	Total length (in ckm)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Total Tower Locations	Foundation completed (Nos.)	Tower Erected (Nos.)	Stringing completed (ckm)	Remarks/Reason for delay
169	Rachareli (400 kV)- Bachhrawan(220 kV) DC line	Uttar Pradesh	D/C	220	162	Jun-24	Aug-24	273.00	273.00	273	149.00	Stringing work held up due to NOC awaited for railway crossing. Line will be anti theft charged because bay is not ready at Rachareli end.
170	220 kV Aurai - Mirzapur Line	Uttar Pradesh	S/C	220	43	Dec-24	Sep-25	148.00	116.00	73	0.00	Due to blacklisting of M/s Isolux, 400kV Aurai S/s was not feasible. The line from Mirzapur to Aurai extended to 220 kV Bhadohi SS. Hence, the new name of this line will be 220kV Bhadohi- Mirzapur Line. The work is held up due to variation in fund availability and approval of the same.
171	220 kV Aurai - Phoolpur Line	Uttar Pradesh	S/C	220	71	Dec-24	Oct-25	223.00	191.00	185	41.00	Due to blacklisting of M/s Isolux, 400kV Aurai S/s was not feasible. The line from Phoolpur to Aurai extended up to 220 kV Bhadohi SS. Hence, the new name of this line will be 220kV Bhadohi- Phoolpur Line. The work is held up due to variation in fund availability and approval of the same.
172	220 kV Modipuram-II - Shamli Line	Uttar Pradesh	D/C	220	148	Apr-24	Sep-24	262.00	262.00	262	148.00	Bay is not ready at Shamli end hence,
173	LILo of 220 kV Nara- Jansath line at Meerut(765)	Uttar Pradesh	D/C	220	95	Jun-24	Oct-24	150.00	148.00	142	68.00	RoW at 2 locations. Matter is being resolved with the help of District Administration.
174	Darshan Nagar GIS to Sohawal (Tower NO. 152 at Gonda line	Uttar Pradesh	S/C	220	1	May-24	Jul-24	2.00	2.00	2	1.00	Line energised on 19.07.2024
175	LILo of Badoun(400 kV)- C.B. Ganj line at Badoun Road	Uttar Pradesh	D/C	220	1	Jun-24	Oct-24	3.00	3.00	3	1.00	Line work complete, PTCC clearance awaited. Line will be charged after completion of connected SS (Badun Road).
176	Indrapuram (400 kV)- Sector-62 DC line (Under Ground Cable)	Uttar Pradesh	D/C	220	5	Dec-24	Dec-24	0.00	0.00	3	2.90	NOC awaited from NHAI for trench excavation work.
177	LILo of Unnao(400 kV)- Bithoor line at Trans Ganga city (220 kV)	Uttar Pradesh	D/C	220	9	Aug-24	Nov-24	19.00	19.00	17	2.00	Delay due to finalization of RoW and funding of proposed ring road of Kannpur to be constructed by NHAI.
178	LILo of Aligarh - Shamli Line at Kurja (Power Plant- TRCB	Uttar Pradesh	D/C	400	21	Jul-24	Oct-24	38.00	7.00	0	0.00	Line Construction is in TRCB Mode. Work delayed due to problems in foundation work in rainy season.
179	LILo of Ckt.I and Ckt.II of 400 KV DC Quad Varanasi (PG) (Thathra) -Biharsharif at 400 kV Sahumari SS	Uttar Pradesh	D/C	400	54	Apr-24	Apr-24	66.00	66.00	63	105.00	Commissioned
180	LILo OF EXISTING STPS - J K NAGAR 220 KV S/C LINE AT ASANSOL 220 KV SUB-STATION	West Bengal	D/C	220	62	Jul-24	Dec-24	123.00	120.00	112	46.41	Land owners of Loc 49/2, 46/0, 50/0 are creating severe hinderences in construction work , though several meetings were conducted with various administrative authorities, however till date this issue remain unresolved.
181	D/C LILo of existing Birpara-Alipurduar 220 kV D/C line of PGCIL at proposed Falakata 220/132 kV Sub-Station	West Bengal	D/C	220	17	Sep-24	Dec-24	39.00	39.00	37	14.06	Foundation at 2 locations are pending due to shutdown issue. Connected S/s (Falakata) is not ready.
182	D/C LILo OF EXISTING DURGAPUR - DPL (UNIT#8) 220 KV D/C LINE AT PROPOSED AB ZONE 220KV SUB-STATION (UPG)	West Bengal	D/C	220	8	Jul-24	Sep-24	14.00	14.00	14	4.52	Line will be commissioned matching with Durgapur AB Zone Substation.
183	Single circuit LILo of 220 KV Domjur - Arambagh Line at proposed Khanakul 220 KV GIS	West Bengal	D/C	220	11	Mar-25	Mar-25	47.00	45.00	41	14.81	Work under progress.
184	220 KV D/C transmission line from STPS to proposed Raghunathpur 220 KV substation (Upd)	West Bengal	D/C	220	45	Mar-25	Mar-25	94.00	94.00	94	44.07	Work under progress.
185	Establishment of 220 KV S/C connectivity between (1) New Bishnupur 220 KV substation and Raghunathpur 220 KV Substation (2) New Bishnupur 220 KV substation and Hura 220 KV substation, (3) Hura 220 KV substation and Raghunathpur 220 KV substation and (4) Establishment of 220 KV D/C connectivity between STPS and Hura 220 KV substation	West Bengal	S/C	220	1	Oct-24	Oct-24	2.00	2.00	0	0.00	Work under progress.
186	400 KV D/C LILo of Gokarna-New Chanditala Transmission Line at proposed Satgachia 400 KV GIS Sub Station	West Bengal	D/C	400	11	Jan-25	Jan-25	22.00	19.00	17	0.00	Work under progress.
187	Narendra New (GIS) -Pune (GIS) 756 kV D/c Transmission Line (ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region) (Inter-reional line- WR-sub)	Adani	D/C	765	636	Dec-24						
188	Fatehgarh-4 PS- Fatehgarh-3 PS 400kV D/c (Transmission system for evacuation of power from REZ in Rajasthan (20 GW) under phase III -Part A)	Apraava Energy	D/C	400	42	Feb-25						
189	400 kV D/c Khandukhal(Srinagar) - Ramnura (Kashmir) line	Megha Engineering	D/C	400	384	Sep-24						
190	KPSI-Khavda PS GIS (KPS2) 765 kV D/C line (Transmission scheme for injection beyond 3 GW RE power at Khavda PS1 (KPS1))	Megha Engineering	D/C	765	42	Feb-25						
191	400 KV D/C Gadag PS- Koppal PS Line (Transmission Scheme for Solar Energy Zone in Gadag (1500 MW), Karnataka - Part A, Phase-II)	Renew Power	D/C	400	100	Aug-24						
192	400 KV D/C Gadag PS- Narendra (New) Transmission Limited (Transmission Scheme for Solar Energy Zone in Gadag (1000 MW), Karnataka - Part-A, Phase-I)	Renew Power	D/C	400	185	May-24						
193	400kV D/C Koteswar-Rishikesh Line (System strengthening in northern region (NRSS XXXVI) along with LILo of Sikar-Neemrana 400 kV D/C line at Babaur(VPNL))	Resurgent power (Tata)	D/C	400	77	Dec-24	Mar-25	102	37	33	2.92	1. Delay in Stage 1 Forest Clearance & Working Permission from Forest Department 2. Severe ROW
194	Xeldem - Mapusa 400 kV D/C Quad Line (Additional 400kV Feed to Goa and Additional System for Power Evacuation from Generation Projects pooled at Rajgarh (Tampar) Pool)	Sterlite	D/C	400	105	Jun-24						
195	Xeldem (existing) - Xeldem (new) 220 kV D/C line (Additional 400kV Feed to Goa and Additional System for Power Evacuation from Generation Projects pooled at Rajgarh (Tampar) Pool)	Sterlite	D/C	220	44	Jun-24						
196	Vapi-II - Sayali D/C 220 kV D/C line (Western Region Strengthening Scheme-XIX (WRSS-XIX) and North Eastern Region Strengthening Scheme-IX (NERSS - IX))	Sterlite	D/C	220	45	May-24						
197	Padghe (PG) - Kharghar 400 kV D/c (quad) line (Western Region Strengthening Scheme-XIX (WRSS-XIX) and North Eastern Region Strengthening Scheme-IX (NERSS - IX))	Sterlite	D/C	400	140	Jun-24						
198	LILo of Padghe (PG) - Ghatkopar 400 kV S/c line at Navi Mumbai GIS (PG) (Western Region Strengthening Scheme-XIX (WRSS-XIX) and North Eastern Region Strengthening Scheme-IX (NERSS - IX))	Sterlite	S/C	400	38	Jun-24						
199	LILo of Apta - Kalwa/Taloja 220 kV D/c line at Navi Mumbai (PG) (Western Region Strengthening Scheme-XIX (WRSS-XIX) and North Eastern Region Strengthening Scheme-IX (NERSS - IX))	Sterlite	D/C	220	5	May-24						

Sl.No.	Name of Transmission Line	State/CP&SUS /Private developers	Circuits (S/C)/ (D/C)/ M/C	Voltage Level (in kV)	Total length (in ckm)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Total Tower Locatio ns	Foundatio n completed (Nos.)	Tower Erected (Nos.)	Stringing complete d (ckm)	Remarks/Reason for delay
200	Bongaigaon (POWERGRID) - Nangalbihra 400 kV D/c (Twin ACSR Moose) line (Establishment of new 220/132kV substation at Nangalbihra)	Sterlite	D/C	400	246	Jun-24						
201	LILO of both circuit of Ajmer-Chittorgarh 765 kV D/c at Beawar (Establishment of Inter-State Transmission System for Evacuation of Power from REZ in Rajasthan (20GW) under Phase- III Part F)	Sterlite	D/C	765	136	Mar-25						
202	LILO of 400 kV Kota -Merta line at Beawar (Establishment of Inter-State Transmission System for Evacuation of Power from REZ in Rajasthan (20GW) under Phase- III Part F)	Sterlite	D/C	400	64	Mar-25						

TRANSFORMATION CAPACITY (220 kV & above) TARGETED FOR THE FY 2024-25

Sl.No.	Name of Substation	State/CPSUS/Private developers	Voltage ratio (kV/kV)	Total capacity (in MVA)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Civil works	Materials / Equipments Received	Materials / Equipments erected	Remarks/ Reason for delay
1	220KV GIS Infrastructure at MTPS	DVC	400 / 220	315	May-24	Aug-24	Almost Completed (100%)	All equipment / material received	Under Progress (99 % completed)	Progress of work suffered due to severe heat wave condition and delay in availability of OEM personnel during testing procedures and pre-commissioning checks. Now, Precommissioning tests are under process.
2	220KV GIS Infrastructure at RTPS	DVC	400 / 220	630	May-24	Sep-24	Almost Completed (99%)	All equipment / material received	Under Progress (97 % completed)	Progress of work suffered due to severe heat wave condition and delay in availability of OEM personnel during testing procedures and pre-commissioning checks. Now, Precommissioning tests are under process.
3	1X500 MVA 400/220KV ICT (4TH) MYSORE SS (Augmentation of Transformation Capacity by 1X500 MVA 400/220 KV ICT(4th) at Mysore Substation in Karnataka)	Powergrid	400/220	500	Jun-24	Sep-24	85%	75%	40%	Work affected due to delay in supply of GIB & Bushings from M/s. Hyosung.
4	1X500 MVA, 400/220KV ICT-1 AT BIKANER II PS (Transmission system for evacuation of power from REZ Phase-IV (Part 1) [Bikaner Complex]- PART E)	Powergrid	400/220	500	Jun-24	May-24	100%	100%	100%	COMMISSIONED
5	1X500 MVA, 400/220KV ICT-2 AT BIKANER II PS (Transmission system for evacuation of power from REZ Phase-IV (Part 1) [Bikaner Complex]- PART E)	Powergrid	400/220	500	Jun-24	Jul-24	100%	100%	100%	COMMISSIONED
6	1X1500MVA 765/400KV ICT (4TH) AT 765/400KV BHADLA-II PS Transmission system strengthening Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase-II- Part B1	Powergrid	765/400	1500	Jun-24	Aug-24	95%	95%	90%	Delayed as X-mer was diverted to other site where RE generation was coming up.Now, ICT ready. Bay testing is going on.
7	1X500 MVA, 400/230KV ICT (4TH) AT ARASUR SUBSTATION (Augmentation of Transformation Capacity by 1x500 MVA, 400/230kv ICT (4th) at Arasur substation)	Powergrid	400/230	500	Jun-24	Jun-24	100%	100%	100%	COMMISSIONED
8	1X500 MVA, 400/220 KV ICT (6TH) AT FATEGARH II TO CATER TO THE N-1 CONTINGENCY REQUIREMENT	Powergrid	400/220	500	Aug-24	Oct-24	50%	60%	15%	GIS to be supplied by siemens. Expected in this month.
9	1X500 MVA, 400/220 KV ICT (3RD) AT BIKANER TO CATER N-1 CONTINGENCY	Powergrid	400/220	500	Jun-24	Aug-24	85%	90%	60%	Order for transformer was delayed due to very high cost.
10	1X500 MVA 400/220KV 3RD ICT JIND SS (Augmentation of ISTS for interconnection of HVPNL transmission schemes)	Powergrid	400/220	500	Jul-24	Sep-24	85%	70%	65%	All other works completed. ICT is in transit, expected at site by August end.
11	1X1500 MVA 765/400KV ICT-1 AT NARELA (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part G SPV Name: POWERGRID Narela Transmission Ltd.)	Powergrid	765/400	1500	Jul-24	Dec-24	85%	85%	65%	Ready for Charging. Connected line is not ready.
12	1X1500 MVA 765/400KV ICT-2 AT NARELA (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part G SPV Name: POWERGRID Narela Transmission Ltd.)	Powergrid	765/400	1500	Jul-24	Dec-24	85%	85%	65%	Ready for Charging. Connected line is not ready.
13	1X1500 MVA 765/400KV ICT-3 AT NARELA (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part G SPV Name: POWERGRID Narela Transmission Ltd.)	Powergrid	765/400	1500	Jul-24	Dec-24	85%	85%	65%	Ready for Charging. Connected line is not ready.
14	1X500 MVA, 400/220KV ICT-3 AT BIKANER II PS (Transmission system for evacuation of power from REZ Phase-IV (Part 1) [Bikaner Complex]- PART E)	Powergrid	400/220	500	Aug-24	Sep-24	80%	75%	65%	work in progress.
15	1X500MVA 400/220KV ICT-1 AT SHIKRAPUR(PG) GIS (Western Region Expansion Scheme-XXVI)	Powergrid	400/220	500	Sep-24	Aug-24	95%	60%	40%	ICT will reach at site by 8th August.
16	1X500MVA 400/220KV ICT-2 AT SHIKRAPUR(PG) GIS (Western Region Expansion Scheme-XXVI)	Powergrid	400/220	500	Sep-24	Sep-24	85%	50%	35%	ICT will be dispatched by 15th August-2024.
17	1X500 MVA, 400/220 KV ICT (3 RD) AT BAHADURGARH ALONG WITH EXTENSION (Augmentation of ISTS for interconnection of HVPNL transmission schemes)	Powergrid	400/220	500	Sep-24	Sep-24	70%	50%	20%	ICT already dispatched.
18	1X1500 MVA,765/400 KV (5TH) ICT AT FATEHGARH-II PS (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase-II- Part A11)	Powergrid	765/400	1500	Aug-24		100%	100%	100%	COMMISSIONED
19	1X1500MVA, 765/400 KV ICT-3RD AT RAIGARH KOTRA SECTION A](Western Region Expansion Scheme-XXV (WRES-XXV))	Powergrid	765/400	1500	Oct-24	Dec-24	40%	20%	10%	work under progress.
20	1X1500MVA 765/400KV ICT (3RD) AT PUNE (PG) (Shikrapur) GIS SS (Western Region Expansion Scheme-XXXI Part C (WRES-XXXI-C))	Powergrid	765/400	1500	Oct-24	Dec-24	45%	10%	0%	ICT diverted from Baroda on 6th August.

Sl.No.	Name of Substation	State/CPSUS/Private developers	Voltage ratio (kV/kV)	Total capacity (in MVA)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Civil works	Materials / Equipments Received	Materials / Equipments erected	Remarks/ Reason for delay
21	1X500MVA, 400/220KV ICT-1 AT BANKA S/S ALONG WITH EXTN. OF 400KV AIS SWITCHYARD AND CREATION OF 220KV GIS AT 400/132KV BANKA S/S (System Strengthening Scheme for Eastern and North Eastern Regions)	Powergrid	400/220	500	Oct-24	Oct-24	92%	55%	47%	ICT reached at site. Under commissioning.
22	1X500MVA, 400/220KV ICT-2 AT BANKA S/S ALONG WITH EXTN. OF 400KV AIS SWITCHYARD AND CREATION OF 220KV GIS AT 400/132KV BANKA S/S (System Strengthening Scheme for Eastern and North Eastern Regions)	Powergrid	400/220	500	Oct-24	Oct-24	92%	55%	47%	ICT to be diverted from patna.
23	220/132 KV , 1X200MVA ICT-4 AT ARA SS (PC) WITH ASSOCIATED BAYS (Eastern Region Expansion Scheme-XXXVI (ERES-XXXVI))	Powergrid	220/132	200	Oct-24	Aug-24	95%	95%	70%	Testing under progress.
24	1X1500MVA, 765/400 KV ICT-3RD AT RAIGARH KOTRA SECTION B (Western Region Expansion Scheme-XXV (WRES-XXV))	Powergrid	765/400	1500	Nov-24	Nov-24	40%	30%	0%	ICT reached at site.
25	1X1500 MVA 765/400KV ICT-1 AT SIKAR-II SS (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part C)	Powergrid	765/400	1500	Dec-24	Dec-24	80%	65%	45%	work under progress.
26	1X1500 MVA 765/400KV ICT-2 AT SIKAR-II SS (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part C)	Powergrid	765/400	1500	Dec-24	Dec-24	80%	65%	45%	work under progress.
27	1X500 MVA, 400/220KV ICT-4 AT BIKANER II PS (Transmission system for evacuation of power from REZ Phase-IV (Part I) [Bikaner Complex]- PART E)	Powergrid	400/220	500	Dec-24	Dec-24	80%	65%	45%	work under progress.
28	1X500 MVA, 400/220KV ICT-5 AT BIKANER II PS (Transmission system for evacuation of power from REZ Phase-IV (Part I) [Bikaner Complex]- PART E)	Powergrid	400/220	500	Dec-24	Dec-24	80%	65%	45%	work under progress.
29	1X500 MVA, 400/220 KV ICT-1 ALONG WITH ASSOCIATED ICT BAYS AT 765/400 KV RAIPUR POOL S/S (WRES-XXVIII & WRES-XXIX)	Powergrid	400/220	500	Dec-24	Dec-24	85%	85%	30%	Work under progress.
30	1X500 MVA, 400/220 KV ICT-2 ALONG WITH ASSOCIATED ICT BAYS AT 765/400 KV RAIPUR POOL S/S (WRES-XXVIII & WRES-XXIX)	Powergrid	400/220	500	Dec-24	Dec-24	85%	85%	30%	Work under progress.
31	AUGMENTATION OF 1X500 MVA, 400/220 KV ICT AT RAIPUR POOL S/S ALONG WITH ASSOCIATED ICT BAYS (220KV- GIS) (WRES-XXVIII & WRES-XXIX)	Powergrid	400/220	500	Dec-24	Dec-24	75%	80%	20%	Work under progress.
32	1X500MVA 400/220KV ICT 8th AT BIKANER-II PS (Augmentation of Transformation capacity at 400/220KV Bikaner-II PS by 400/220KV, 1X500 MVA ICT (3rd)-PBTSI)	Powergrid	400/220	500	Dec-24	Dec-24	5%	0%	0%	Awarded recently. May get delayed.
33	1X1500 MVA 765/400KV ICT-1 at NAVSARI (New) ALONG WITH ASSOCIATED ICT BAYS AT 765 KV & 400 KV END (Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B)	Powergrid	765/400	1500	Dec-24	Dec-24	94%	85%	94%	ICT reached at site.
34	1X1500 MVA 765/400KV ICT-2 AT NAVSARI (New) ALONG WITH ASSOCIATED ICT BAYS AT 765KV & 400KV END (Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B)	Powergrid	765/400	1500	Dec-24	Dec-24	94%	85%	94%	ICT reached at site.
35	1X500 MVA 400/220 KV ICT-1 AT NAVSARI (New) ALONG WITH ASSOCIATED ICT BAYS AT 400KV & 220KV END (Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B)	Powergrid	400/220	500	Dec-24	Dec-24	94%	85%	94%	ICT reached at site.
36	1X500 MVA 400/220 KV ICT-2 AT NAVSARI (New) ALONG WITH ASSOCIATED ICT BAYS AT 400KV & 220KV END (Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B)	Powergrid	400/220	500	Dec-24	Dec-24	94%	85%	94%	ICT reached at site.
37	1X500 MVA 400/220 KV ICT-3 AT NAVSARI (New) ALONG WITH ASSOCIATED ICT BAYS AT 400KV & 220KV END (Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B)	Powergrid	400/220	500	Dec-24	Dec-24	94%	85%	94%	ICT reached at site.

Sl.No.	Name of Substation	State/CPSUS/Private developers	Voltage ratio (kV/kV)	Total capacity (in MVA)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Civil works	Materials / Equipments Received	Materials / Equipments erected	Remarks/ Reason for delay
38	1X1500 MVA 765/400 KV ICT at PADGHE (GIS) (Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B)	Powergrid	765/400	1500	Jun-24	Jun-24	100%	100%	100%	COMMISSIONED
39	1X1500MVA 765/400KV 4TH ICT BIKANER(PG) (TS for evacuation of Power from Rajasthan Phase-IV Part -I Bikaner Complex Part E)	Powergrid	765/400	1500	Dec-24	Dec-24	55%	55%	0%	Reactor to be shifted to new bay so that ICT will be placed at reactor location. Reactor to be recommissioned in August. But at reactor's place only BHEL ICT can fit. As in reactor, firewall is at 15 m while in ICT it is at 18m. However, in BHEL ICT it is 15m. BHEL will dispatch ICT in Oct-2024.
40	1X1500 MVA 765/400KV ICT 1 AT FATEGARH-3(NEW SECTION) (Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part E1- Given to PRTL (POWERGRID Ramgarh Transmission Limited))	Powergrid	765/400	1500	Feb-25	Feb-25	20%	10%	0%	work under progress
41	1X1500MVA, 765/400 KV ICT-4TH AT RAIGARH KOTRA SECTION B (Western Region Expansion Scheme-XXV (WRES-XXV))	Powergrid	765/400	1500	Feb-25	Feb-25	25%	15%	0%	work under progress
42	1X1500 MVA, 765/400KV ICT-1 AT KPS-2 NEW SS (Establishment of Khavda Pooling Station-2 (KPS2) in Khavda RE Park (KPS2 TRANSMISSION LIMITED))	Powergrid	765/400	1500	Dec-24	Feb-25	45%	35%	0%	SS will be ready however, will be charged only when Adani line will be commissioned.
43	1X1500 MVA, 765/400KV ICT-2 AT KPS-2 NEW SS (Establishment of Khavda Pooling Station-2 (KPS2) in Khavda RE Park (KPS2 TRANSMISSION LIMITED))	Powergrid	765/400	1500	Jan-25	Feb-25	15%	10%	0%	SS will be ready however, will be charged only when Adani line will be commissioned.
44	1X500 MVA, 400/220 KV ICT-1 ALONG WITH ASSOCIATED ICT BAYS AT 765/400KV DHARAMJAIGARH SS (WRES-XXVIII & WRES-XXIX SPV Name: POWERGRID Dharamjaigarh Transmission Limited)	Powergrid	400/220	500	Mar-25	Mar-25	85%	58%	15%	work under progress
45	1X500 MVA, 400/220 KV ICT-2 ALONG WITH ASSOCIATED ICT BAYS AT 765/400KV DHARAMJAIGARH SS (WRES-XXVIII & WRES-XXIX SPV Name: POWERGRID Dharamjaigarh Transmission Limited)	Powergrid	400/220	500	Mar-25	Mar-25	85%	58%	15%	work under progress
46	1X1500 MVA, 765/400KV ICT-1 AT KPS-3 NEW SS (Establishment of Khavda Pooling Station-3 (KPS3) in Khavda RE Park (SPV Name: POWERGRID KPS3 TRANSMISSION LIMITED))	Powergrid	765/400	1500	Feb-25	Feb-25	45%	35%	0%	work under progress
47	1X1500 MVA, 765/400KV ICT-2 AT KPS-3 NEW SS (Establishment of Khavda Pooling Station-3 (KPS3) in Khavda RE Park (SPV Name: POWERGRID KPS3 TRANSMISSION LIMITED))	Powergrid	765/400	1500	Mar-25	Mar-25	10%	10%	0%	work under progress
48	1X1500MVA 765/400KV ICT-1 AT KURNOOL(III) (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	765/400	1500	Jan-25	Jan-25	38%	45%	5%	work under progress
49	1X1500MVA 765/400KV ICT-2 AT KURNOOL(III) (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	765/400	1500	Feb-25	Feb-25				work under progress
50	1X500MVA 400/220KV ICT-1 AT KURNOOL PS (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	400/220	500	Jan-25	Jan-25				work under progress
51	1X500MVA 400/220KV ICT-2 AT KURNOOL PS (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	400/220	500	Jan-25	Jan-25				work under progress
52	1X500MVA 400/220KV ICT-3 AT KURNOOL PS (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	400/220	500	Jan-25	Jan-25				work under progress
53	1X500MVA 400/220KV ICT-4 AT KURNOOL PS (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	400/220	500	Feb-25	Feb-25				work under progress
54	1X500MVA 400/220KV ICT-5 AT KURNOOL PS (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	400/220	500	Feb-25	Feb-25				work under progress
55	1X500MVA 400/220KV ICT-6 AT KURNOOL PS (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	400/220	500	Feb-25	Feb-25				work under progress
56	1X500MVA 400/220KV ICT-7 AT KURNOOL PS (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	400/220	500	Mar-25	Mar-25				work under progress
57	1X500MVA 400/220KV ICT-8 AT KURNOOL PS (Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B)	Powergrid	400/220	500	Mar-25	Mar-25				work under progress

Sl.No.	Name of Substation	State/CPSUS/Private developers	Voltage ratio (kV/kV)	Total capacity (in MVA)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Civil works	Materials / Equipments Received	Materials / Equipments erected	Remarks / Reason for delay
58	1X1500MVA ,765/400 KV ICT (5TH) AT BHADLA-2 PS (Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part-II)	Powergrid	765/400	1500	Mar-25	Mar-25	0.00%	0.00%	0.00%	work under progress
59	Augmentation of 1no. 500MVA ICT at 400/220kV SS Kalapaka	Andhra Pradesh	400/220	500	Jun-24	Sep-24	70.00%	90.00%	60.00%	For accomodating the ICT on LV side, HNPCL circuits 1 & 2 need to be shifted. Shifting work completed. Now the LV side works are under progress.
60	Augmentation of ICTs from 2*315+1*500MVA to 2*315+2*500MVA at 400/220kV SS Maradam	Andhra Pradesh	400/220	500	Aug-24	Dec-24	90.00%	90.00%	80.00%	400/220 kV, 500 MVA ICT is expected in October, 2024 from the manufacturer M/s.Toshiba. All other works completed.
61	400/220kV GIS at Thallayapalem	Andhra Pradesh	400/220	1000	Jun-24	Sep-24	90.00%	100.00%	90.00%	SAS Integration, Fire fighting works including all other Electrical, Civil, Telecom minor works are under progress. The Substation could not be charged due to delay and non-readiness of incoming/outgoing 400kV line (LILO of 400kV VTS-IV - Sattenapalli TMDCL line at Thallayapalem)
62	Augmentation of ICTs from 2*315MVA to 2*315+1*500MVA at 400/220kV SS Namoor	Andhra Pradesh	400/220	500	May-24	Sept/24	80.00%	80.00%	70.00%	Structure foundation and erection completed. Equipment erection under progress. Due to delay in supply of 400/220kV, 500MVA ICT from M/s.Toshiba to APTRANSCO, the available 1No. 500MVA ICT at 400/220/132kV Jammalamadugu SS diverted to this site. Works are under progress. Soon after receipt of ICT, the same will be allotted to Jammalamadugu SS.
63	Augmentation of ICTs from 2*315MVA to 2*315+1*500MVA and from 1*160+1*100MVA to 2*160+1*100MVAat 400/220/132/33kV SS Rachagummi	Andhra Pradesh	400/220	660	Dec-24	Dec-24	80.00%	80.00%	60.00%	400/220kV, 500MVA ICT and 220/132kV, 160MVA ICT are to be supplied by M/s.Toshiba to APTRANSCO. Delivery is expected to site by October/November 2024.
64	400/220kV SS at Gudivada	Andhra Pradesh	400/220	1000	Mar-25	Mar-25	75.00%	80.00%	50.00%	The delay is due to resistance from formers and local bodies to commence the works at site through their village roads. Labour deployed from other States left the site for Festivals like Eid, Bakrid followed by General Elections. Rain also affecting the work.
65	Bethamcherla (GEC-I)	Andhra Pradesh	220/132/33	320	Jun-24	Sep-24	95.00%	95.00%	95.00%	1. 1No. 160MVA PTR oil filtration work under progress. 2. 2nd 160MVA PTR reached to site on 17.07.2024.
66	Racherla	Andhra Pradesh	220/132	320	May-24	May-25	40.00%	90.00%	85.00%	Work was short closed due to pending court case of Substation site. Balance works tendering under process.
67	Dharmavaram	Andhra Pradesh	220/132	200	Jun-24	Nov-24	80.00%	95.00%	95.00%	Equipment testing and commissioning works are under progress. Contractor working slow.
68	Punganur	Andhra Pradesh	220/132/33	200	Jun-24	Aug-24	95.00%	97.00%	97.00%	Cable Laying works under progress.
69	Tiruvuru	Andhra Pradesh	220/132	300	Jul-24	Dec-24	75.00%	85.00%	80.00%	1. 220 KV Switch yard cable duct works and Metal spreading works under progress. 2. Balance Retaining wall and compound wall on NORTH side under progress 3. Micro levelling in 220kV yards under progress. 4. Kerb wall all around metal spreading area under progress.
70	Atchuthapuram	Andhra Pradesh	220/132/33	200	Jun-24	Dec-24	65.00%	75.00%	75.00%	Work under slow pace due to payment issues to the Contractor from Government of Andhrapradesh through M/s. ADB under VCICDP (Visakhapatnam-Chennai Industrial Corridor Development Program) scheme.
71	Chandanada	Andhra Pradesh	220/132/33	400	Dec-24	Dec-24	35.00%	30.00%	0.00%	Work under slow pace due to payment issues to the Contractor from Government of Andhrapradesh through M/s. ADB under VCICDP scheme.
72	Pampanur Tanda (GEC-I) (160 MVA T/F-II)	Andhra Pradesh	220/132	160	Jun-24	Oct-24	100.00%	90.00%	90.00%	2nd 160MVA PTR supply is expected by Aug-24/Sept-24
73	Penukonda (Gorantla) (GEC-I)	Andhra Pradesh	220/132	320	Jun-24	Oct-24	100.00%	90.00%	90.00%	2nd 160MVA PTR supply is expected by Aug/Sep-24
74	Thakurganj GSS	Bihar	220/132	320	Feb-25	Feb-25	40.00%	80.00%	0.00%	
75	Bakhtiyarpur (GIS) s/s (2x500)	Bihar	400/220	1000	Oct-24	Oct-24	85.00%	90.00%	85.00%	local hindrance, ROW and monsoon
76	Bakhtiyarpur (GIS) s/s (2x160)	Bihar	220/132	320	Oct-24	Oct-24	70.00%	60.00%	60.00%	local hindrance, ROW and monsoon
77	Dhardehi (Upgradation of existing 220/132 KV)	Chhattisgarh	400/220	630	Mar-25	Mar-25	50.00%	70.00%	50.00%	
78	Kurud(Dhamtara) (Capacity Augmentation i.e. additional 315 MVA)	Chhattisgarh	400/220	315	Sep-24	Sep-24	50.00%	40.00%	30.00%	
79	Patan (Upgradation of existing 132/33 kV S/s to 220/132 kV S/s) (2x160 MVA)	Chhattisgarh	220/132	320	Apr-24		100.00%	100.00%	100.00%	Commissioned
80	Semariya	Chhattisgarh	220/132/33	320	Dec-24	Dec-24	30.00%	20.00%	10.00%	
81	Rajim (Upgradation of existing 132/33 KV S/s)	Chhattisgarh	220/132	320	Feb-25	Feb-25	0.00%	0.00%	0.00%	
82	Ukai	Gujarat	400/220	500	May-24	May-24	100.00%	100.00%	100.00%	
83	Mera (Mithi Paldi) (Upgradation-66kV) (T/F-II)	Gujarat	220/66	160	Jun-24	Jun-24	100.00%	100.00%	100.00%	Response from BHEL is awaited
84	Besan	Gujarat	220/66	320	Jun-24	Jun-24	100.00%	100.00%	95.00%	Delay due to lack of quality civil work
85	220kV Radhanesda	Gujarat	220/66	320	Mar-25	Mar-25	7.00%	0.00%	0.00%	
86	220kV Patkhilori	Gujarat	220/66	320	Mar-25	Mar-25	92.00%	68.00%	45.00%	
87	400kV Kalawad GIS	Gujarat	400/220	1500	Mar-25	Mar-25	81.00%	77.00%	10.00%	
88	220kV Ghodassar	Gujarat	220/66	320	Mar-25	Mar-25	98.00%	50.00%	22.00%	
89	220kV Sarana	Gujarat	220/66	320	Mar-25	Mar-25	85.00%	40.00%	10.00%	
90	220/66kV Heiling Sub Station (GEC-I)	Himachal Pradesh	220/66	100	Jul-24	Jul-24	96.00%	96.00%	85.00%	
91	220/132kV Kangoo Sub Station	Himachal Pradesh	200/132	200	Sep-24	Sep-24	85.00%	95.00%	75.00%	
92	220/132/33 kV AIS at Andheri (Kala Amb), District Sirmaur	Himachal Pradesh	220/132	200	Apr-24		100.00%	100.00%	100.00%	
93	Construction of 220/132 kV, 80/100 MVA GIS Substation at Tahliwal by S/C LILO of 220 kV Bhakhra-Jamalpur line	Himachal Pradesh	220/132	100	Mar-25	Mar-25	0.00%	0.00%	0.00%	
94	220kV GIS S/Stn Sector-89, Faridabad (2x100MVA, 220/33 kV T/F)	Haryana	220/33	200	Aug-24	Aug-24	57.00%	90.00%	27.00%	Material supplied
95	220 kV S/Stn Sadhaura Ambala (2x100 MVA 220/66 kV T/F)	Haryana	220/66	200	Mar-25	Mar-25	90.00%	50.00%	50.00%	220/66 kV T/F-I reached at site and T/F-II has been dispatched.

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96	220 kV S/Stn Sadhaura Ambala (1x100 MVA 220/33 kV T/F)	Haryana	220/33	100	Mar-25	Mar-25	40.00%	0.00%	0.00%	Work under progress
97	220 kV S/S Chikewas Hissar (2x100 MVA 220/33 kV T/F)	Haryana	220/33	200	Mar-25	Mar-25	21.00%	15.00%	1.00%	Work under progress
98	220kV GIS Sub Station Pocket A IMT Kharkhoda Sonipat (2x100MVA, 220/33kV T/F)	Haryana	220/33	200	Mar-25	Mar-25	41.00%	30.00%	15.00%	Work under progress
99	220kV GIS Sub Station Pocket B IMT Kharkhoda Sonipat (2x100MVA, 220/33kV T/F)	Haryana	220/33	200	Mar-25	Mar-25	46.00%	8.00%	8.00%	Work under progress
100	220kV Ramana-Ramani (Karnal) (2x160MVA, 220/132kV T/F)	Haryana	220/132	320	Mar-25	Mar-25	30.00%	0.00%	0.00%	Work under progress
101	220kV Ramana-Ramani (Karnal) (2x100MVA, 220/33kV T/F)	Haryana	220/33	200	Mar-25	Mar-25	55.00%	40.00%	0.00%	2 No. of 220/33 kV, 100 MVA received at site
102	220kV GIS Sub Station Sector-99 Gurugram(2x100MVA, 220/33kV T/F)	Haryana	220/33	200	Mar-25	Mar-25	12.00%	0.00%	0.00%	Work under progress
103	220 kV S/S Harfali (Palwal), (2x100MVA220/66 kV T/F)	Haryana	220/66	200	Jun-24	Sep-24	70.00%	80.00%	60.00%	Slow progress by the firm. T/F received at site.
104	220 kV GIS S/S Roj-ka-Meo Nuh (2x160MVA,220/66kV)	Haryana	220/66	320	Sep-24	Jun-25	35.00%	58.00%	5.00%	220kV GIS building Steel reinforcement and binding is in progress. Contract terminated twice. However now it has been awarded and
105	220 kV GIS S/S Roj-ka-Meo Nuh (2x100MVA, 220/33kV T/F)	Haryana	220/33	200	Sep-24	Jun-25	35.00%	58.00%	5.00%	
106	220 kV GIS Transport Hub,Sector 8 IMT Manesar (2X160 MVA, 220/66)	Haryana	220/66	320	Jun-24	Jul-24	95.00%	99.00%	95.00%	Testing under progress.
107	HSIIDC Rai, Sonapat (220/33 Kv, 2x100 MVA T/F)	Haryana	220/33	200	Apr-24		100.00%	100.00%	100.00%	commissioned
108	HSIIDC Rai, Sonapat 220/132 kV T/F-II	Haryana	220/132	160	Apr-24		100.00%	100.00%	100.00%	Commissioned
109	GIS sector-15 II, Gurugram	Haryana	220/66	320	Jun-24	Aug-24	96.00%	95.00%	95.00%	will be commissioned when connected line will be ready (LILO of 400kV Sec -72 Gurugram (PGCIL) to 220kV Sec -72 Gurugram (HVPNL) at 220kV Sec 15-II Gurugram)
110	Jainamore	Jharkhand	220/132	300	Jul-24	Jul-24	98.00%	98.00%	98.00%	
111	Lohardaga GSS (executed by PGCIL)	Jharkhand	220/132	300	May-24					
112	Latehar (400/220 kV)	Jharkhand	400/220	630	Aug-24	Aug-24	98.00%	98.00%	98.00%	
113	Keonics (Electronic City): Establishing 2x150MVA, 220/66kV Outdoor GIS S/s in the premises of existing 66/11kV Keonics (Electronic City) S/s.	Karnataka	220/66	300	May-24	Jul-24	100.00%	100.00%	100.00%	CEIG approval awaited
114	Somasamudra: Establishing 2X100MVA, 220/110kV sub-station.	Karnataka	220/110	200	Aug-24	Aug-24	90%	100%	95%	Work under progress
115	Bilagi: Establishing 2X100MVA, 220/110kV sub-station.	Karnataka	220/110	200	Oct-24	Mar-25	55%	100%	95%	Work under progress
116	Santhpur: Establishing 220kV 2X100MVA receiving station at Kappakera village, Santapur Hobli, in Aurad (B) taluka & Bidar Dist. (GEC PHASE II)	Karnataka	220/110	200	Aug-24	Aug-24	75%	100%	75%	Work under progress
117	Yelburga: Establishing 2x100MVA &1X10MVA, 220/110/11kV Sub-Station	Karnataka	220/110	200	Jan-25	Jan-25	70%	100%	70%	Work under progress
118	Hangal: Establishing 2x100 MVA, 220/66 KV Power Transformer at Hangal GEC Phase-2	Karnataka	220/66	200	Feb-25	Feb-25	80%	90%	90%	Work under progress
119	GIS Chikkaballapura: Establishing 2x100MVA, 220/66 kV Sub-station at Chikkaballapura I/A	Karnataka	220/66	200	Nov-24	Nov-24	85%	100%	95%	Work under progress
120	Kakkad	Kerala	220/110	100	Jun-24	Dec-24	65.00%	70.00%	20.00%	continous and unexpected rain at site and additional works for rock excavation have affected the progress.
121	Pathanamthitta	Kerala	220/110	100	Jun-24	Dec-24	68%	70.00%	25.00%	Due to unavailability of work front- delay in commissioning of 110 kV lines from Koodal-Pathanamthitta under the associated lines package, the dismantling of terminal tower in the proposed location for the transformer foundation got delayed at Pathanamthitta substation site. Continous and unexpected rains in site have also affected the progress.
122	Construction of 220/132kV substation at Begamganj (TBCB)	Madhya Pradesh	220/132	320	Apr-24		100%	100%	100%	Comissioned
123	Construction of 220/132 kV substation at Ajaygarh (2x160 MVA) (TBCB)	Madhya Pradesh	220/132	320	Dec-24		100%	100%	100%	Comissioned
124	Construction of 220/132 kV substation at Bargawan (TBCB)	Madhya Pradesh	220/132	320	Dec-24	Dec-24				work under progress
125	Construction of 400/220kV GIS substation at Mandideep (2X500 MVA T/F) (TBCB)	Madhya Pradesh	400/220	1000	Jan-25	Jan-25	31%	0%	0%	work under progress
126	Construction of 400/220kV GIS substation at Mandideep (2x160 MVA T/F) (TBCB)	Madhya Pradesh	220/132	320	Jan-25	Jan-25	31%			work under progress
127	Construction of 220/132/33kV substation Bisonikala (TBCB)	Madhya Pradesh	220/132	320	Jan-25	Jan-25	4%	0%	0%	work under progress
128	Construction of 220/132kV substation at Kharsone (TBCB)	Madhya Pradesh	220/132	320	Jan-25	Jan-25	0%	0%	0%	work under progress
129	Construction of 220/33kV substation at Shahpur (TBCB)	Madhya Pradesh	220/33	100	Jan-25	Jan-25	16%	0%	0%	work under progress

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130	Julwaniya 400 KV S/s, addl.500 MVA X-mer	Madhya Pradesh	400/220	500	Mar-25	Mar-25	32%			DI(Dispatch Instruction) of X-mer is under process
131	Bairagarh (Bhopal) 220 KV S/s, Addl. 1x160MVA X-mer	Madhya Pradesh	220/132	160	Sep-24	Sep-24	100%	100%	100%	Commissioned
132	Bhopal 400kv s/s replacement of 315MVA by 500MVA X-mer	Madhya Pradesh	400/220	185	Mar-25	Mar-25	50%			DI(Dispatch instruction) of X-mer is under process
133	Mandsaur 400KV S/s, additional 500MVA 400/220KV	Madhya Pradesh	400/220	500	Mar-25	Mar-25				Work yet to be started
134	Installation for additional 160MVA transformer at 220KV S/s Indore -II Jejpura 132KV Supply to MR-10 & Gandhi Nagar Metro Rail substation Indore	Madhya Pradesh	220/132	160	Dec-24	Dec-24	100%	95%	90%	work under progress
135	Nepanagar 220 kV S/s (agumentation of 160 MVA by 200 MVA X-mer)	Madhya Pradesh	220/132	40	Dec-24	Dec-24	60%			X-mer reached at site
136	Pritampura (sector III) 220kV S/s (agumentation of 160 MVA by 200 MVA X-mer)	Madhya Pradesh	220/132	40	Mar-25	Mar-25				Work yet to be started
137	Barwana 220kV S/s (agumentation of 160 MVA by 200 MVA X-mer)	Madhya Pradesh	220/132	40	Mar-25	Mar-25				Work yet to be started
138	Pardi SS (220/132, 2X100 MVA and 220/33, 2x50 MVA)	Maharashtra	220/132 - 33	300	Jun-24	Nov-24	100.00%	100.00%	100.00%	Substation work completed. Associated line (220KV Uppalwadi-Pardi UG Cable) work in progress.
139	220/33KV Shendra GIS (DMIC)	Maharashtra	220/33	100	Jun-24	Aug-24	86.00%	90.00%	89.00%	Testing in progress. Associated line (LJLO on 220kV Shendra-Chitepimpalgaon line at 220kV Shendra DMIC GIS SS) expected in Aug-2024.
140	220/33KV GIS at New Timber Market (Panel-II)	Maharashtra	220/33	100	May-24	Aug-24	100.00%	95.00%	84.00%	50 MVA, T/F-I commissioned on 28.06.2024. Work of 2nd transformer is in progress.
141	220/22 kV Mankoli GIS	Maharashtra	220/22	100	Dec-24	Mar-25	47.00%	20.00%	5.00%	Work in progress. Drawing approved.
142	220kV Five Star MIDC	Maharashtra	220/33	50	Dec-24	Dec-24	20.00%	0.00%	0.00%	ETC (Erection, Testing, Commissioning) - LOA issued recently. Supply of T/F - LOA issued 8th Jan 2024
143	220kV Jambhul	Maharashtra	220/22	100	Sep-24	Sep-24	80.00%	80.00%	70.00%	T/F-I (50 MVA) commissioned in May-2024. T/F-II - Work in progress
144	400kV Padghe	Maharashtra	400/220	185	Dec-24	Dec-24	60.00%	50.00%	0.00%	ICTs received at site. Work in Progress
145	220kV Tembhumri	Maharashtra	220/33	25	Dec-24	Dec-24	NA	100.00%	0.00%	T/F received at site and Work in progress
146	220kV Vairag	Maharashtra	220/33	50	Mar-25	Mar-25	NA	0.00%	0.00%	ETC-Tender under Process. Supply of T/F - LOA issued on 23.02.2024
147	220kV Bhigwan	Maharashtra	220/33	25	Mar-25	Mar-25	NA	0.00%	0.00%	ETC-Tender under Process. Supply of T/F - LOA issued on 23.02.2024
148	220kV Jeur	Maharashtra	220/132	100	Mar-25	Mar-25	NA	100.00%	0.00%	ICT at received at site. Work in progress.
149	220kV Tilawani	Maharashtra	220/33	100	Mar-25	Mar-25	0.00%	0.00%	0.00%	ETC work- Tender under process. Supply of T/F - LOA issued to M/s Kanohar on 08.01.2024
150	220kV Temghar	Maharashtra	220/22	50	Mar-25	Mar-25	NA	0.00%	0.00%	ETC work - Tender under process. Supply of T/F - LOA issued on 08.01.2024
151	220kV Kolshet	Maharashtra	220/22	50	Mar-25	Mar-25	NA	0.00%	0.00%	ETC work - Tender under process. Supply of T/F - LOA issued on 08.01.2024
152	220 kV Georai	Maharashtra	220/33	50	Mar-25	Mar-25	0.00%	0.00%	0.00%	ETC work - Tender under process. Supply of T/F - Tender under process
153	400kV Khadka Substation (3x105)	Maharashtra	400/220	315	Jun-24	Aug-24	90.00%	90.00%	90.00%	ICT erection completed. CP & RP will be received in August-2024.
154	220kV Chalisgaon Substation(1x200 MVA Additional T/F)	Maharashtra	220/132	200	May-24		100.00%	100.00%	100.00%	Commissioned
155	220kV Walchandnagar Substation(Aug) (1x200-100)	Maharashtra	220/132	100	May-24	Aug-24	NA	100.00%	95.00%	commissioned on 25.07.2024
156	400kV Lonikand Substation (1x50)	Maharashtra	220/22	50	Jun-24	Aug-24	95.00%	60.00%	40.00%	Work in progress. T/F is awaited.
157	220/33 KV Grid S/S, Dasapalla	Odisha	220/33	40	Jun-24	Mar-25	100.00%	100.00%	100.00%	Forest clearance awaited
158	220/132kV GIS Baliaanta GIS	Odisha	220/132	320	Jun-24	Dec-24	75.00%	90.00%	75.00%	
159	2X20 MVA, 220/33kV Balichandrapur (Paleli) S/s	Odisha	220/33	40	Apr-24		100.00%	100.00%	100.00%	T/F-I charged in May-2024.
160	400 kV S/S Ropar (1x500 MVA) 1st T/F New	Punjab	400/220	500	Jun-24	Jul-24	95.00%	98.00%	95.00%	Work in progress.
161	400 kV S/S Ropar (1x500 MVA) 2ndT/F	Punjab	400/220	500	Jun-24	Jul-24	95.00%	98.00%	95.00%	Work in progress.
162	Addl 100 MVA 220/66 KV T/F at 220 KV S/S Narnagarh (N-1)	Punjab	220/66	100	May-24		100.00%	100.00%	100.00%	Commissioned
163	Addl 100 MVA 220/66 KV T/F at 220 KV S/S Majitha (N-1)	Punjab	220/66	100	May-24	Jul-24	70.00%	----	60.00%	Work in progress.
164	Upgradation of 66 kV Sherpur to 220kV by installing 1X160 MVA 220/66kV T/F at 220 kV S/Stn. Sherpur.	Punjab	220/66	160	Jun-24	Oct-24	70.00%	90.00%	70.00%	due to site condition minor changes in civil drawing hence delayed.
165	Additional 1X160 MVA 220/66kV T/F at 220 kV S/Stn. Sherpur.	Punjab	220/66	160	Dec-24	Dec-24	70.00%	90.00%	70.00%	Work in progress.
166	220 kV S/S Budhlada(1X160 MVA T/F)(Upgraded from 66kV to 220 kV)	Punjab	220/66	160	Jul-24	Nov-24	60.00%	70.00%	60.00%	Work in progress.T/F has been reached on site(But work pending due to line work) Tr. Line work will be completed by Nov'24
167	220 kV S/S Dhandari Kalan-2 (Aug of 1X100 MVA T/F to 160 MVA)	Punjab	220/66	60	Sep-24	Nov-24	70.00%	60.00%	40.00%	Work in progress.T/F Placed, But commissioning is pending due to due Shutdown issues.
168	Aug. 100 to 160 MVA T/F at 220 KV S/S Mandi Gobindgarh G-3	Punjab	220/66	60	Sep-24	Sep-24	100.00%	100.00%	100.00%	T/F commisioned on 09.07.24
169	Aug. 100 MVA 220/66 T/F to 160 MVA 220/66 T/F at 220 KV S/S Ghulal.	Punjab	220/66	60	Sep-24	Nov-24	----	----	----	work yet to be started
170	Aug 100 to 160 MVA at 220 KV S/S Kartarpur	Punjab	220/66	60	Mar-25	Jun-24	100.00%	100.00%	100.00%	Commissioned
171	Addl 100 MVA at 220 KV S/S Gorava	Punjab	220/66	100	Mar-25	Mar-25	----	----	----	work yet to be started
172	Addl 100 MVA 220/66 KV T/F at 220 KV S/S Badshahpur	Punjab	220/66	100	Mar-25		100.00%	100.00%	100.00%	Commissioned
173	Addl. 100MVA 220/66kV T/F at 220kV S/Stn Maur.	Punjab	220/66	100	Mar-25	Mar-25	----	----	----	work yet to be started
174	Addl. 100MVA 220/66kV T/F at 220kV S/Stn Badni Kalan	Punjab	220/66	100	Mar-25	Mar-25	10.00%	10.00%	10.00%	Work in progress.
175	Aug. of 100MVA 220/66kV T/F to 160MVA 220/66kV T/F at 220kV S/Stn Baiakhana	Punjab	220/66	60	Mar-25		100.00%	100.00%	100.00%	Commissioned
176	Aug of 100 MVA to 160 MVA at GNDTP Bathinda	Punjab	220/66	60	Mar-25	Mar-25	----	----	----	work yet to be started
177	Aug 100 to 160 MVA at 220 KV S/S Bassi Pathana	Punjab	220/66	60	Mar-25	Mar-25	----	----	----	work yet to be started

Sl.No.	Name of Substation	State/CPSUS/Private developers	Voltage ratio (kV/kV)	Total capacity (in MVA)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Civil works	Materials / Equipments Received	Materials / Equipments erected	Remarks / Reason for delay
178	Aug 100 to 160 MVA at 220 KV S/S Mandi Gobindgarh G-2	Punjab	220/66	60	Mar-25	Mar-25	----	----	----	work yet to be started
179	Aug 100 to 160 MVA at 220 KV S/S Rajpura	Punjab	220/66	60	Mar-25	Mar-25	----	----	----	work yet to be started
180	Banar (Aug. of 1x100 MVA with 1x160 MVA)	Punjab	220/66	60	May-24		100.00%	100.00%	100.00%	Commissioned
181	220 kV S/S Gurdaspur (1x100 MVA) (Upgraded from 132 KV to 220 KV)	Punjab	220/66	100	May-24	Jul-24	100.00%	100.00%	100.00%	work under progress
182	220 KV GSS Banar (GIS)	Rajasthan	220/132	200	Jun-24	Sep-24	90.00%	90.00%	75.00%	Transformer received at site on 29.07.24. Work under progress
183	220 kV GSS Rayla(Upg.)	Rajasthan	220/132	160	Jun-24	Nov-24	14.00%	-	-	Electrical Structure erection work under progress.
184	220 KV GSS Chandan (Upg.)	Rajasthan	220/132	160	Oct-24	Oct-24	5.00%	-	-	
185	Ariyalur (1500 MVA ICT-II)	Tamilnadu	765/400	1500	Sep-24	Sep-24	100.00%	95.00%	95.00%	ICT testing under progress. BHEL to procure 1 No. 765kV bushing for Reactor and 765kV ICT to replace defective one.
186	Vellalaviduthi (400/110, 2X200 MVA)	Tamilnadu	400/110	400	Jun-24	Aug-24	100.00%	95.00%	100.00%	T/F-1 commissioned in April-2024. Delay in execution by contractor, Testing to be done. 1 No. defective CT to be replaced by BHEL.
187	Selvapuram	Tamilnadu	230/110	200	Jun-24	Jul-24	90.00%	95.00%	95.00%	T/F-1 commissioned.
188	Vembakkam	Tamilnadu	230/110	300	Jun-24	Sep-24	98.00%	95.00%	75.00%	SS equipment Work under progress. Contractor's delay
189	Nanguneri	Tamilnadu	230/110	200	Sep-24	Sep-24	95.00%	50.00%	50.00%	Work under progress. Contractor's delay
190	Thiruvanniyur	Tamilnadu	230/33	200	Dec-24	Mar-25	90.00%	90.00%	90.00%	230 kV GIS testing to be done. 33kV GIS erection, testing and commissioning to pending. Delay due to contract issues.
191	Maraimalai Nagar	Tamilnadu	230/110	200	Sep-24	Dec-24	100.00%	100.00%	95.00%	Work completed. Line work under progress. To be commissioned after completion of line work.
192	Karuppur (T/F-II)	Tamilnadu	230/110	100	Sep-24		100.00%	100.00%	100.00%	Commissioned.
193	Thervokandigai 400KV SS	Tamilnadu	400/230	315	Jun-24	Sep-24	100.00%	100.00%	100.00%	SS backcharged. For line, PTCC & CEIG clearance awaited
194	Korattur 400KV SS	Tamilnadu	400/230-110	1400	Jun-24	Aug-24	95.00%	100.00%	95.00%	Work completed. PTCC clearance awaited for UG cable work and testing under progress.
195	Mambakkam 230KV SS	Tamilnadu	230/110	200	Jun-24	Dec-24	95.00%	95.00%	70.00%	Work under progress. Contractor's delay.
196	Kalivelampatty 230KV SS	Tamilnadu	230/110	200	Nov-24	Nov-24	75.00%	50.00%	50.00%	SS equipment erection Work under progress.
197	Panjetti 230KV SS	Tamilnadu	230/110	300	Jun-24	Sep-24	90.00%	30.00%	30.00%	SS equipment erection Work under progress. Contractor's delay
198	Avadi 230KV SS	Tamilnadu	230/110	200	Jun-24	Sep-24	90.00%	30.00%	10.00%	SS equipment erection Work under progress. Contractor's delay
199	Ganesh Nagar 230KV SS	Tamilnadu	230/33	200	Jun-24	Dec-24	70.00%	50.00%	30.00%	SS equipment erection Work under progress. Contractor's delay
200	HOSUR 230 KV SS - Enhancement 2x100+1X160 to 3x160 MVA	Tamilnadu	230/110	120	Mar-25	Mar-25	-	-	-	1st ICT commissioned. 2nd 160MVA ICT Work under progress
201	Thiruvalem 400/230 KV SS - Additional. 2x315 to 2x315 + 1x500MVA	Tamilnadu	400/230	500	Jun-24	May-24	-	-	-	Commissioned
202	Sathumadurai 230/110 KV SS - New	Tamilnadu	230/110	320	Mar-25	Mar-25	80.00%	40.00%	20.00%	SS equipment erection Work under progress. Contractor's delay
203	Nallur 230/110 KV SS 2X100 MVA - New	Tamilnadu	230/110	200	Mar-25	Mar-25	60.00%	20.00%	10.00%	SS equipment erection Work under progress. Contractor's delay
204	K.R.Thoppur 400/230-110 KV SS - Additional 400/230KV, 1x500MVA Transformer	Tamilnadu	400/230	500	Jun-24	Dec-24	-	-	-	500MVA ICT received. Revised Administrative Approval issued for Bay modification work. Tender under process for Civil and Electrical works of Bay.
205	K.R.Thoppur 400/230-110 KV SS - Additional 400/110, 1x200MVA Transformer.	Tamilnadu	400/110	200	45444	45413	-	-	-	It was mistakenly given in the target of FY 2024-25. Its failure replacement and will not increase the capacity of TANTRANSCO.
206	220/11 KV Yacharam Thanda SS	Telangana	220/11	170	Oct-24	Oct-24	85.00%	95.00%	90.00%	Control room civil works are under progress.panels to be erected and commissioned
207	Bhoopalapally (KITPP) SS 400/220/ 132 kV	Telangana	400/220	1000	Jun-24	Aug-24	85.00%	95.00%	95.00%	SAS integration works delayed due to vendor M/s. ZIV
208	Bhoopalapally (KITPP) SS 400/220/ 132 kV	Telangana	220/132	320	Jun-24	Aug-24	85.00%	95.00%	95.00%	220/132kV 160 MVA T/F's are under procurement. SAS integration works delayed due to vendor M/s. ZIV
209	Kakatiya Mega Textile Park (KMTP) SS (2x160)	Telangana	220/132	320	Dec-24	Dec-24	75.00%	90.00%	60.00%	work under progress.
210	Husnabad	Telangana	220/132	200	Aug-24	Oct-24	100.00%	100.00%	95.00%	Delay in procurement of control cables by executing agency
211	Ammavaripet (T/F-II)	Telangana	220/132	200	Aug-24	Oct-24	100.00%	70.00%	70.00%	Delay in procurement of T/F.
212	400kV Sahupuri T/F-II	Uttar Pradesh	400/220	500	Jul-24	Sep-24	99.00%	99.00%	95.00%	Transformer available at site. Erection work to be start. Erection team of M/s G.E. are not coming for start of erection work of T/F-II.
213	400kV S/s Shami T/F-II	Uttar Pradesh	400/220	500	Aug-24	Oct-24	99.00%	95.00%	95.00%	Transformer failed in internal testing by M/s Siemens. To be supplied after conducting successful test. Commissioning and erection work will be possible after receiving the T/F-II.
214	220kV S/s Kandumi T/F-II	Uttar Pradesh	220/132	200	May-24	Jul-24	100.00%	100.00%	100.00%	Energised on 29.07.2024
215	220kV S/s YEIDA Sec-24 T/F-II	Uttar Pradesh	220/132	160	Dec-24	Dec-24	90.00%	91.00%	91.00%	There are lack of fund issues with YEIDA. 160 MVA T/F-II. Will be allotted after fund transferred to UPPTCL.
216	220kV S/s Faridpur (Bareilly) T/F-II	Uttar Pradesh	220/132	100	Jun-24	Sep-24	95.00%	96.00%	95.00%	T/F diverted from Mainpuri S/s reached at site. Civil work is in progress, after then erection work will be carried out.
217	Khorabar, S/s (T/F-II)	Uttar Pradesh	220/33	60	Apr-24	Feb-24	100.00%	100.00%	100.00%	Commissioned.
218	Khorabar, S/s (T/F-III)	Uttar Pradesh	220/33	60	Jul-24	Nov-24	95.00%	100.00%	90.00%	T/F available at site. Firm is not available for completion of 33kV side pending work.
219	Knowledge Park-5 S/s (T/F-II)	Uttar Pradesh	220/132	160	May-24	Jun-24	100.00%	100.00%	100.00%	Commissioned
220	220kV S/s Darshan Nagar	Uttar Pradesh	220/132	160	May-24	Jul-24	100.00%	100.00%	100.00%	Energised on 22.07.2024
221	220kV S/s Metro Depot	Uttar Pradesh	220/132	320	May-24	Jul-24	100.00%	100.00%	100.00%	Energised on 05.07.2024
222	220kV S/s Badaun Road	Uttar Pradesh	220/33	120	Jul-24	Oct-24	87.00%	97.00%	35.00%	
223	220kV S/s Jewar (EXTENSION)	Uttar Pradesh	220/132	320	Jun-24	Oct-24	76.00%	85.00%	60.00%	Both T/F have been received and erection work in progress.
224	220kV S/s Sector-62, Noida	Uttar Pradesh	220/132	320	Oct-24	Oct-24	30.00%	40.00%	10.00%	Fund issue with Noida Authority. Commissioning and erection work will be possible after resolve the fund issue.
225	220kV S/s Trans Ganga city	Uttar Pradesh	220/33	120	Nov-24	Nov-24	49.00%	20.00%	9.00%	Both T/F received. Erection work of structure in progress.
226	400kV S/s Machhalishahar, Jaunpur (New) T/F-III	Uttar Pradesh	400/220	315	May-24		100.00%	100.00%	100.00%	Commissioned
227	400 kV S/s Dahi Chaoki, Unnao	Uttar Pradesh	400/220	500	Oct-24		100.00%	100.00%	100.00%	Commissioned
228	400 kV S/s Moradabad (Capacity Augmentation)	Uttar Pradesh	400/220	315	Feb-25	Feb-25	-	-	-	Transformer is to be diverted from 400kV S/s Panki.
229	Durgapur AB zone 220 KV GIS (Upg)	West Bengal	220/132	320	Jul-24	Sep-24	76.00%	90.00%	76.00%	Delay in supply of Control Relay Panel
230	Food Park 220 KV GIS (Upg)	West Bengal	220/132	320	Jun-24	Aug-24	81.00%	94.00%	84.00%	Delayed due to delay in supply of T/F. Testing & commissioning under progress

Sl.No.	Name of Substation	State/CPSUS/Private developers	Voltage ratio (kV/kV)	Total capacity (in MVA)	COD (as informed while finalizing the target)	Anticipated COD (as on 31-07-2024)	Civil works	Materials / Equipments Received	Materials / Equipments erected	Remarks/ Reason for delay
231	Falakata 220 KV GIS	West Bengal	220/132/33	420	Sep-24	Dec-24	26.00%	78.00%	5.00%	Delay in supply of Control Relay Panel
232	Raghunathpur 220 KV GIS (Upg)	West Bengal	220/132	320	Mar-25	Mar-25	30.00%	4.00%	15.00%	Work under progress.
233	Khanakul 220 KV GIS	West Bengal	220/33	100	Mar-25	Mar-25	18.00%	21.00%	0.00%	Work under progress.
234	Satgachhia 400KV GIS (Upg)	West Bengal	400/220	1000	Jan-25	Jan-25	53.00%	81.00%	12.00%	Work under progress.
235	Narendra New (upgradation to its rated voltage of 765 Kv along with 4x1500 MVA T/F) (ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region)	Adani	765/400	6000	Dec-24					
236	Khavda PS1 Augmentation (Transmission scheme for injection beyond 3 GW RE power at Khavda PS1 (KPS1))	Megha Engineering	765/400	6000	Feb-25					
237	Augmentation of 400/220 KV Gadag Substation with 3x500 MVA ICT (Transmission Scheme for Solar Energy Zone in Gadag (1500 MW), Karnataka – Part-A, Phase-II)	Renew Power	400/220	1500	May-24					
238	400/220kV Gadag PS: (2X500 MVA) (Transmission Scheme for Solar Energy Zone in Gadag (1000 MW), Karnataka – Part-A, Phase-II)	Renew Power	400/ 220	1000	May-24					
239	Xeldem New (Additional 400kV Feed to Goa and Additional System for Power Evacuation from Generation Projects pooled at Rajarsh (Tannari Pool)	Sterlite	400/ 220	1000	Jun-24					
240	Vapi – II (Western Region Strengthening Scheme-XIX (WRSS-XIX) and North Eastern Region Strengthening Scheme-IX (NERSS IX))	Sterlite	400/ 220	1000	May-24					
241	Nangalbibra 220/132 kV, 2x160MVA (Establishment of new 220/132kV substation at Nangalbibra)	Sterlite	220/ 132	320	Jun-24					