

Transmission Line Abstract of RFD FY 2023-24									As on	Jan-24
	Q1	Q1	Q2	Q2	Q3	Q3	Q4	Q4	Total	
	T	A	T	A	T	A	T	A	T	A
CENTRAL SECTOR										
DAMODAR VALLEY CORPORATION (DVC)	0	0	0	0	0	0	147	9	147	9
POWER GRID CORPORATION OF INDIA LIMITED (PGCIL)	1238	1361	787	286	166	743	404	218	2595	2608
TOTAL	1238	1361	787	286	166	743	551	227	2742	2617
STATE SECTOR										
TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED. (APTRANSCO)	174	194	333	259	31	74	152	155	690	682
ASSAM ELECTRICITY GRID CORP. LIMITED (AEGCL)										
BIHAR STATE POWER TRANSMISSION COMPANY LIMITED (BSPTCL)	246	102	309	0	122	48	52	0	729	150
CHHATTISGARH STATE POWER TRANSMISSION CO. LTD. (CSPTCL)	0	0	0	0	0	0	22	0	22	0
DELHI TRANSCO LIMITED (DTL)	0	0	10	0	27	0	0	0	37	0
GUJARAT ENERGY TRANSMISSION CORP. LIMITED (GETCO)	0	135	135	11	643	137	206	62	984	345
HIMACHAL PRADESH POWER TRANSMISSION CORP. LTD. (HPPTCL)	0	0	45	0	0	0	0	36	45	36
HARYANA VIDYUT PRASARAN NIGAM LIMITED (HVPNL)	0	0	114	68	136	0	59	9	309	77
J&K POWER DEVELOPMENT DEPARTMENT (JKPDD)	16	0	105	0	0	0	60	0	181	0
JHARKHAND URJA SANCHARAN NIGAM LIMITED (JUSNL)	0	0	144	0	0	0	0	0	144	0
KARNATAKA POWER TRANSMISSION CORP. LIMITED (KPTCL)	0	0	0	59	69	123	331	0	400	182
KERALA STATE ELECTRICITY BOARD (KSEB)	114	0	0	0	12	18	262	0	388	18
M.P. POWER TRANSMISSION CORPORATION LIMITED (MPPTCL)	0	25	139	126	0	6	20	0	159	157
MAHARASHTRA STATE ELEC. TRANSMISSION COMPANY LTD. (MSETCL)	148	70	0	0	836	113	453	20	1437	203
ELECTRICITY DEPARTMENT, GOVT. OF MANIPUR(ED, MANIPUR)										
ORISSA POWER TRANSMISSION CORPORATION LTD. (OPTCL)	70	70	150	0	27	0	0	0	247	70
PUNJAB STATE TRANSMISSION CORPORATION LIMITED (PSTCL)	42	26	0	0	89	2	51	10	182	38
POWER TRANSMISSION CORP. OF UTTARAKHAND LTD. (PTCUL)	0	10	31	0	0	0	0	0	31	10
RAJASTHAN VIDYUT PRASARAN NIGAM LIMITED (RVPNL)	0	0	0	50	541	0	0	0	541	50
Power & Electricity Department, SIKKIM	22	0	0	0	0	0	0	0	22	0
TAMILNADU TRANSMISSION CORPORATION LTD. (TANTRANSCO)	318	125	315	0	155	627	123	1	911	753
TRANSMISSION CORPORATION OF TELANGANA (TSTRANSCO)	216	270	1010	98	110	33	298	0	1634	401
U.P. POWER TRANSMISSION CORPORATION LTD. (UPPTCL)	714	233	975	402	0	588	0	200	1689	1423
WEST BENGAL STATE ELECTRICITY TRANSMISSION CO. LIMITED (WBSETCL)	16	1	179	14	25	114	0	0	220	129
TOTAL	2096	1261	3994	1087	2823	1883	2089	493	11002	4724
PRIVATE SECTOR										
ADANI TRANSMISSION LTD.	1418	95	341	995	0	717	0	218	1759	2025
GRINFRA	0	0	0	0	288	0	0	0	288	0
INDIGRID	0	0	0	0	68	0	0	0	68	0
Renew Power	275	0	187	0	0	276	0	0	462	276
STERLITE GRID LTD. (SGL)	0	0	5	0	245	0	0	0	250	0
TATA Power	111	0	0	0	0	222	0	0	111	222
Adani Green Energy Limited	0	79	0	0	0	0	0	0	0	79
Masaya Solar Energy Private Limited	0	0	0	14	0	0	0	0	0	14
Torrent Power Ltd. (TPL)	0	0	0	28	0	0	0	0	0	28
Total	1804	174	533	1037	601	1215	0	218	2938	2644
GRAND TOTAL	5138	2796	5314	2410	3590	3841	2640	938	16682	9985

Details of Transmission lines Targetted for Commissioning during Year 2023-24										
S.No.	Utility / Transmission Line	Voltage Level (KV)	Length (CKm)	Target Date	Revised Target Date (if any)	Status/ Reason for delay	Tower Locations (Nos.)	Foundations Completed	Tower s erected	Stringing done (in CKm)
CENTRAL SECTOR										
DAMODAR VALLEY CORPORATION (DVC)										
1	LILO of MTPS-A to Durgapur line at Barjora S/S	220	9*	Jan-24		COMMISSIONED				
2	LILO of MTPS-A to Barjora at MTPS-B	220	86*	Jan-24	Mar-24	Forest clearance awaited (applied in Jan 2022) for one location. The same is expected to be received by end of Mid of March '2024.	76	75	73	77
3	LILO of CTPS - Kalyaneswari line at RTPS	220	52*	Jan-24	Mar-24	RoW at 3 locations.	72	71	68	34
	TOTAL (DVC)		0							
POWER GRID CORPORATION OF INDIA LIMITED (PGCIL)										
1	Lower Subhansiri - Biswanath Chariyali line -II (Transmission System for immediate evacuation of Power from Lower Subhansiri HEP)	400	371	Sep-23		COMMISSIONED				
2	400 KV D/C (Quad Moose) Sitamarhi (POWERGRID) – Dhalkebar (Nepal) Transmission Line (Indian Portion)(Transmission system for power evacuation from Arun-3 (900MW) HEP, Nepal of M/s SAPDC-Indian Portion)	400	78	Oct-23		COMMISSIONED				
3	Ramgarh-II SEZ PP-Fatehgarh-II 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 A SPV Name: Ramgarh New Transmission Limited)	400	88	Nov-23		COMMISSIONED				
4	Ramgarh-II-Jaisalmer-II (RVPNL) 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 A SPV Name: Ramgarh New Transmission Limited)	400	100	Jul-23		COMMISSIONED				
5	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: Fatehgarh-Bhadla Transco Ltd.)	765	404	Feb-24		Transmission System falling under GIB potential area. On the suggestions of Supreme Court committee on 18.07.22 the route was diverted and 36 km new route has been finalized in Nov'22. RoW at 14loc. in Jaisalmer district and 4 loc. in Jodhpur district.	529	442	342	41
6	Removal of LILO of one circuit of Bhadla-Bikaner (RVPN) 400kV D/C line at Bikaner (PG) & Extension of this LILO section from Bikaner (PG) to Bikaner-II PS to form Bikaner-II PS-Bikaner (PG) 400kV D/C line (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II- Part- F1)	400	65	Sep-23		COMMISSIONED				
7	Bikaner-II PS – Khetri 400kV 2xD/c line (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part F SPV Name: POWERGRID Bikaner Transmission System Ltd.)	400	1090	May-23		COMMISSIONED				
8	Khetri - Bhiwadi 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 F SPV Name: POWERGRID Bikaner Transmission System Ltd.)	400	251	Jul-23		COMMISSIONED				
9	Simbhavali (400kV) -Muradnagar-II (Gaziabad) 400kV D/C line	400	142	Apr-23		COMMISSIONED				
10	Re-conductoring of BTPS – Salakati 220kV D/c line with Single HTLS conductor (North Eastern Region Strengthening Scheme- XII)	220	6	May-23		COMMISSIONED				
	TOTAL (POWERGRID)		2595							
STATE SECTOR										
TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED (APTRANSCO)										
1	Hindupur (400) - Pampanur Tanda (220)(GEC-I)	220	70	Apr-23		COMMISSIONED				
2	Hindupur - Penukonda	220	50	Jun-23		COMMISSIONED				
3	Jammalamadugu - Porumamilla	220	198	Aug-23		COMMISSIONED				
4	LILO of Nunna - KTPS SC Line at Tiruvru	220	6	Jun-23	May-24	Standing crops and Severe RoW issues in Kummari Kuntla Village, A.Konduru Mandal at Loc.No.AP 4/0. Pursuing with police authorities for clearing ROW problems.	16	10	7	0
5	Brandix - Atchuthapuram	220	7	Jun-23	Mar-24	Line completed. Line can not be commissioned as connection S/s delayed due to some payment issues.	11	11	11	7
6	Kamavarapukota- Bhimadole	220	37	Apr-23	Feb-24	1. Tower Foundations, Tower Erection and Stringing completed.	69	69	69	37
7	Purushothapatnam - Guddigudem	220	31	Oct-23	Feb-24	Work in progress. Major locations are in paddy fields where work can not be taken up till the paddy is harvested.	86	85	80	23.76
8	Double LILO of 220kV Pallantla-Pattiseema DC line at 400kV SS Gudigudem	220	47	Jul-23		COMMISSIONED				
9	Jammalamadugu - Betamacherla	220	152	Jan-24	Jun-24	4nos. locations in forest area. Clearance issued in principle approval by MOEF on 03.01.2024. Work permit to be received from local forest authorities.	260	258	258	141

S.No.	Utility / Transmission Line	Voltage Level (KV)	Length (CKm)	Target Date	Revised Target Date (if any)	Status/ Reason for delay	Tower Locations (Nos.)	Foundations Completed	Towers erected	Stringing done (in CKm)
	VTS-Kamavarapukota	220	3	Mar-24	Mar-24	Stringing to be taken up.	9	9	8	0
10	Rachaguneri -Racherla	220	107	Sep-23		COMMISSIONED				
11	LLO of Krishnapatnam - Manubolu (Ckt - I) Quad Moose line to M/s SEIL- P2 400KV GIS Substation	400	8	Sep-23		COMMISSIONED				
	TOTAL (APTRANSCO)		715							
ASSAM ELECTRICITY GRID CORP. LIMITED (AEGCL)										
BIHAR STATE POWER TRANSMISSION COMPANY LIMITED (BSPTCL)										
1	BTTP - Naubatpur line (twin moose conductor)	400	126	Sep-23	Feb-24	Row issue at Buxar end.	340	340	345	123.9/126
2	LLO of (Quad) Barh - Patna at Bakhtiyarpur (New)	400	10	Jul-23	Feb-24	Line will be charged after S/S gets commissioned	61	61	61	10
3	Amnour- Digha	220	48	Apr-23		COMMISSIONED				
4	Bakhtiyarpur (New) - Fatuha (BSPTCL)	220	45	Oct-23	Feb-24	Work under progress. Foundation at two locations can be done after obtaining railway clearance & shutdown at Fatuha GSS.	159	157	156	89
5	BTTP - Dehri-on-sone (single zebra conductor)	220	77	Oct-23	Feb-24	Row issue at Buxar end.	246	246	246	75
6	BTTP - Dumraon (New) GSS	220	64	Sep-23	Feb-24	Row issue at Buxar end.	216	216	216	62
7	BTTP - Karminasa GSS line (twin moose conductor)	220	59	Jun-23	Feb-24	Row issue at Buxar end.	185	185	185	58
8	LLO of Sipara (BSPTCL) - Bihta (BSPTCL) at Jakkampur (New)	220	94	Aug-23	May-24	Severe ROW in line. The survey work has commenced.	88	47	40	6.02
9	Pusouli (New) - Dehri	220	62	Sep-23	Feb-24	9 towers have collapsed.	184	184	172	48
10	Tajpur- Goraul line	220	102	May-23		COMMISSIONED				
11	Tajpur- Samastipur (New) Trans. line	220	37	May-23	Feb-24	Line will be charged on load after commissioning of GSS Tajpur.	66	66	66	37
12	Thakurganj - Kishanganj (New) Trans. line	220	52	Mar-24	Mar-24	Work under progress. Line will be charged on load after commissioning of GSS Thakurganj.	146	134	123	23
	TOTAL (BSPTCL)		776							
CHHATTISGARH STATE POWER TRANSMISSION CO. LTD. (CSPTCL)										
1	Kuorud-Patan DCDS line	220	22	Mar-24	Feb-24	work in progress. Line length- 44 ckm.	84	84	84	43
	Total(CSPTCL)		22							
DELHI TRANSCO LIMITED (DTL)										
1	220 KV D/C U/G Cable from Kashmiri Gate to Timarpur (2x5)	220	10	Nov-23	Mar-24	Inspection of end termination point is to be done. After completion of GIS bay of Kashmiri gate may be charged by March 2024.	NA			
2	220 kV between Park Street to Electric Lane & between Lodhi Road to Electric Lane S/Stn. under MOU-II (U/G XLPE cable link)	220	17	Oct-23	Mar-24	RoW permission awaited. Objection raised by NDMC.	NA			
3	LLO of Electric Lane to Park Street at Dev Nagar (U/G Cable)	220	10	Jul-23	Mar-24	1 ckt completed Ind ckt linked with line at S.No. 2	NA			
	Total(DTL)		37							
GUJARAT ENERGY TRANSMISSION CORP. LIMITED (GETCO)										
1	LLO OF ONE CIRCUIT OF 400kV VADAVI - HALVAD LINE AT 400kV SANAND-II GIDC S/S with Twin AL-59 cond. & OPGW.	400	85	Feb-24	Feb-24	OPGW stringing going on. RoW Issue also exist. 3 kms of OPGW stringing pending	130	130	130	84
2	Balance work of 400kV D/C VADINAR - AMRELI LINE (PKG-III) with ACSR Twin Moose condu. & Earth Wire, M/s Jyoti	400	121	Jan-24	Feb-24	Line antitheft charged on 66kV on 16.08.22. Commissioning of all three packages of this line is under progress	193	193	193	121
3	Balance work of 400kV D/C VADAVI - HALVAD LINE (PACKAGE-2) (AP-41 to Halvad) With Twin AL-59 Condu. and 1 OPGW & 1 Earth Wire, M/s Jyoti	400	144	Dec-23	Mar-24	34 locations -RoW issue (work going on with police protection)	214	190	188	110.7
4	400kV D/C BHOGAT - KALAWAD LINE with Twin AL-59 cond. & 1 OPGW and 1 Earth Wire.	400	250	Nov-23	Mar-24	Severe RoW Issue in Kalyanpur Taluka of Devbhumi Dwarka dist.	410	410	410	243
5	Balance work of 220kV D/C KALAWAD - KANGASIYALI LINE with AL-59 condu. & OPGW, M/s Diamond	220	114	Oct-23		COMMISSIONED				
6	220kV D/C CHORANIA - SALEJADA LINE with AL-59 condu. & OPGW.	220	135	Dec-23	Mar-24	Court case in favour of GETCO vide order dated 15-12-2023. Collector hearing is scheduled on 05-02-24. Route diversion to be done for 1 nos of loc	217	216	215	126
7	Soja - Zerda line (Pkg-2) with Twin AL-59 conductor	400	135	Jul-23		COMMISSIONED				
	TOTAL (GETCO)		984							
HIMACHAL PRADESH POWER TRANSMISSION CORP. LTD. (HPPTCL)										
1	Mazra to Karian	220	35	Jun-23		COMMISSIONED				
2	Stringing of 2nd circuit of 220 kV S/C line on D/C towers from Dehar Power House of BBMB to Kangoo substation.	220	4	02-28-2024	April-24	Terminating SS work under Progress.	0	0	0	

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3	400/220kV PGCIL Pooling Sub-Station Kala Amb to 220/132kV Substation Andheri	220	6	Sep-23	Feb-24	The case for Connection Data Approval has been taken up with CTUIL. Thereafter, the matter for charging case shall be taken up with the POSOCO. The process is likely to be cleared by the end of this month	22	22	22	6
	TOTAL (HPPTCL)		45							
HARYANA VIDYUT PRASARAN NIGAM LIMITED (HVPNL)										
1	Bhiwani - Isharwal line	220	100	Dec-23	Apr-24	1. The work on construction of 220kV D/C from PGCIL Bhiwani to 220kV S/Stn., HVPNL, Isharwal is stalled since 29.07.2021 due to RoW issues and subsequent farmer agitation for enhanced compensation in villages Roopgarh, Nimriwali, Kitlana, Ajitpura. 2. Further, the feasibility of acquiring the right-of-way is currently being explored at TL No. 26, 38 to 46(Total-10Nos) with Acquiring land solely for the tower footings. 3.The financial implications of the acquiring land solely for the towers footings has been calculated. Accordingly, the case has been submitted in E-office for consideration and approval of HVPNL Management.The case has been approved by MD HVPNL,Panchkula.	212	209	193	76
2	LILO of Sector-72- Rangla Raipur at Roj-Ka-Meo	220	7	Nov-23		COMMISSIONED				
3	Panchkula (PGCIL)- Panchkula Sector-32	220	40	Aug-23	Feb-24	1. Slow progress by M/s Fedders Lloyd due to financial crunch since the allotment of work. 2. Slow progress due to restriction for use of heavy machinery like Poklain JCB by Wild life department. 3. Tree cutting under the line is in progress. However, it is not disturbing progress.	74	74	70	31
4	Take in arrangement of Madanpur-Kunihar line at Sector-32 and take in arrangement from remaining portion of Madanpur-Kunihar line at PGCIL,Naggal(400KV).	220	40	Jul-23	Mar-24	RoW issues Resolved. Retaining wall pending.	75	75	70	29
5	Creation of 220 kV 0.5 sq' D/C Mund-IOCL Line, Karnal.	220	34	Aug-23		COMMISSIONED				
6	LILO (approx. 3 km) of D/C of 220kV Substation Mohana – Samalkha D/C Line at 400kV Substation Jajji (PGCIL) on M/C towers.	220	3	Dec. 23	Apr-24	Forest issue. Case submitted to forest deptt. (300 trees).	24	24	23	2
7	LILO of circuit no. 04 from 400 kV SS Sector-72 Gurgaon (PGCIL) to 220kV SS Sector-72 Gurgaon (HVPNL) at 220kV SS Sector-15-II, Gurgaon.	220	5	Oct-23	Mar-24	Work in Progress. forest land is involved.	28	18	0	0
8	LILO of Both circuits of 220 kV Pali-Sector-56 D/C line at 400 kV substation Kadarpur(on M/C & D/C towers with 0.4 sq inch AL-59 conductor).	220	14	Dec-23	May-24	Due to Forest approval not obtained work in Forest area could not be started. Also alternate route feasibility was explored by TS Wing Gurugram and feasibility study in process.. Work is yet to be start by the firm.	80	13	0	0
9	LILO of Both circuits of 220 kV Sector-65-Pali D/C line at 400 kV substation Kadarpur(on M/C & D/C towers with 0.4 sq inch AL-59 conductor).	220	7	Dec-23	Feb-24	Forest approval obtained on 22.06.2023. Firm is yet to start the work in Forest area.	45	34	13	0
10	400 kv prithla to 220 kv sector-78 faridabad LINE	220	59	Feb-24	Jun-24	Work was closed for 7 months. Police protection has been asked for. May be provided by 21-22 Dec. ROW issues due to farmers agitation in Village Dayalpur, Tigaon, Bukharpur, Babalpur etc.	169	125	66	
	TOTAL (HVPNL)		309							
J&K POWER DEVELOPMENT DEPARTMENT (JKPDD)										
1	Wagoora-Mirbazar	220	104	Aug-23		Due to proposed construction of New Railway Track , Indian Railways not allowing to Construct Last Final Tower. The revised Tower Schedule including one more insertion has been shared waiting for the necessary approval from Railway Authority of India.	177	176	176	101
2	(PMDP - Kashmir) Extension of Mirbazar - Alusteng line upto New Wanpoh	220	12	May-23		Line work Completed but has not ben commissioned due to non completion of associated line.				
3	(PMDP - Kashmir) LILO of one ckt. Alusteng - New Wanpoh at Tailbal	220	0.7*	Aug-23		Line Completed except laying of OPGW to be carried out by PGCIL same has been requested to PGCIL.	5	5	5	1
4	Wagoora-Budgam- Zainkote	220	60	Jan-24	Dec-24	4 No. M/c tower designs are under approval. Severe ROW issue at Dangarpura, Budgam. Funding issue (PMRP) work at halt.	123	106	82	17
5	LILo-II of Bishnah-Hiranagar Tr. Line from 400/220 kV Grid Station Jatwal(PGCIL) to Loc. No. 203	220	4	May-23	Feb-24	Dec-2023 as per PMDP data-ROW issue at Transmission Line Location No. 01.	13	13	12	0
	TOTAL (JKPDD)		180							
JHARKHAND URJA SANCHARAN NIGAM LIMITED (JUSNL)										
1	LILo of 220kV D/C Govindpur - TTPS TL at Jainamore	220	47	Sep-23	May slip -Jul-2024	Forest clearance received. Financial issue with agency at present.	92	92	80	24.3
2	Quad Essar (Chandwa) - Latehar (JUSNL) TL	400	83	Sep-23	Apr-24		122	120	118	42.58
3	PUVNL-Patratu	400	14	Jul-23	Mar-24	(As per records June 2024)	27	12	8	
	TOTAL (JUSNL)		144							

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KARNATAKA POWER TRANSMISSION CORP. LIMITED (KPTCL)										
1	Srinivasapura : from the existing Chintamani SS (220/66) to the proposed Srinivasapura SS (220/66/11)	220	48	Oct-23		COMMISSIONED				
2	Keonics (Electronic City) : LILO at Keonics (Electronic City) to Mysandra-Yeradanahalli	220	7*	Jan-24	Feb-24		9/9 Sec cable laying work completed. (6.88/6.88 cKms completed)			
3	Keonics (Electronic City) : LILO at Keonics (Electronic City) to Somanahalli-hoody	220	13*	Jan-24	Feb-24	LoI issued to M/s KEC International on 13-06-2022.	14/15 Sec cable laying work completed. (12/12.7 cKms completed)			
4	Bilagi : LILO at Bilagi to Kudigi-vajramatti line	220	74*	Jan-24	Jun-24	21 locations of 220 kV line with raising chimney to be erected in the back water and also in the course of river Krishna. Work can be taken up after receding of the river back water. At present 02 locations have been completed.	73	42	19	0
5	Ghanagapura to Aaheri line	220	112	Feb-24	Feb-24	Substation work going on.	215	175	152	15.6
6	Ghanagapura to link shahpur-khanapura line	220	21	Dec-23	Feb-24	Work under progress.	32	17	13	0
7	Ghanagapura to Ferozbad line	220	72	Jan-24	Feb-24	Work under progress.	130	123	119	44.11
8	Somasamudra to BTPS(Kudithini)	220	41	Jan-24	Feb-24	Work under progress.	64	39	33	7.64
9	LILO at Somasamudra to Allipura-Rayalpadu Line	220	12	Jan-24	Feb-24	Work under progress.	28	27	24	9
	TOTAL (KPTCL)		306							
KERALA STATE ELECTRICITY BOARD (KSEB)										
1	Kanhirode - Mylatti line	220	178	Mar-24	May-24	Work is being taken over in stretches. Shutdown is required.	303	231	219	115.46
2	Mylatti-Vidyanagar	220	12	Dec-23	Dec-24	Shut down issues. Main reason for delay is the arrangement of alternate supply to the existing 110kV Vidyanagar substation. Power supply to this Substation is ensuring through a separate bypass arrangement using 110kV covered conductor and is proposed in four stretches of 3km. The line construction works and bypass arrangement works are executed in tandem with each other.	35	20	0	0
3	220kV transmission lines to Pathanamthitta and kakkad Substations	220	114	Jun-23	Mar-24	Climatic Constraints.	188	153	117	54.4
4	Kunnamkulam to Vengallur.	220	84	Feb-24	Apr-24	Issues on the part of EPC contractor. Notice has been served to the contractor for poor progress of works.Flooded area work can be dne only in summers.	150	7	0	0
	TOTAL (KSEB)		388							
M.P. POWER TRANSMISSION CORPORATION LIMITED (MPPTCL)										
1	Rewa UMSP - Sidhi 220kV DCDS line	220	115	Aug-23		COMMISSIONED				
2	LILO of Gwalior - Datiya 220kV line at Gwalior(PGCIL) 765kV S/s	220	20	Feb-24		COMMISSIONED				
3	LILO of Bina - Ganjbasoda 220 KV Line at Bina (MPPTCL) 400KV S/s	220	24	Sep-23		COMMISSIONED				
	TOTAL (MPPTCL)		159							
MAHARASHTRA STATE ELEC. TRANSMISSION COMPANY LTD. (MSETCL)										
1	220kV D/C line from Vishwind- Bhenda	220	86	J'un-23	Mar-24	Outage Issue. RoW issue. Revised Target: Mar-24	141	139	137	55.48
2	220 kV DC line from 400 kV Jejuri Substation to location no. 28 of existing 220 kV Jejuri-Lonand circuit	220	14	Jun-23		COMMISSIONED				
3	220kV Koradi-II to Butibori-III DCMC line	220	106	Nov-23	Mar-24	Severe RoW issues. Revised Target: Mar-24	189	189	187	55
4	220kV M/C LILO on 220kV Tarapur-Borivali & Boisar-Ghodbandar line at 400kV Kudus S/s	220	117	Oct-23	Mar-24	Severe RoW. Foresr proposal Status: i) GoM forwarded the proposal to R.O., Nagpur on 01.09.2023. ii) R.O. office raised queries on 24.11.2023, CA land rejected by R.O.. DCF Nanded carried out site visit on 09.12.2023. CA land site polygon submitted on 14.12.2023.	120	110	103	68.6
5	LILO on 220kV Mhasal-Jath at 400kV Alkud S/S	220	45	Oct-23	May slip (June 2024)	RoW issues. Agency not working.Revised Target: June-2024	78	76	57	0
6	220KV Kumbhargaoon- Kurunda line	220	122	Dec-23	Mar-24	RoW issues. Agency issues.Revised Target: June-2024	219	210	207	95.6
7	220kV DC line from 220kV Wani s/s to 132kV Pandharkawda	220	120	Dec-23	Mar-24	1) The part-I of the line is charged on 30.05.2023. 2) The work of part-II is in progress.	189	187	178	89.56
8	220 kV LILO on Kolshet-Wada & Padghe-Wada line at 400kV Kudus S/s	220	32	Dec-23	Jun-24	Work excluding forest area is already completed. i) Forest approval awaited. REC meeting conducted on 13.12.2023, 2 nos locs violation found, so submitted report to Delhi on 21.12.2023.MoEF&CC, Delhi has regularized the violation. The Gol has submitted this report to RO on 10.01.2024. Stage -I permission awaited. ii)PCCF(Wild Life) has advised to get the permission from NBWL. Online proposal uploaded on 23.01.2024 and hard copy submitted on 24.01.2024. Also, Wildlife NOC is awaited.	50	29	27	14.88

Revised Target: December 2024

S.No.	Utility / Transmission Line	Voltage Level (KV)	Length (CKm)	Target Date	Revised Target Date (if any)	Status/ Reason for delay	Tower Locations (Nos.)	Foundations Completed	Towers erected	Stringing done (in CKm)
9	400KV Babhaleshwar-Kudus DC line	400	453	Feb-24	Mar-24	i) Severe RoW issues at Ale village for 22 locations. ii) And fresh ROW are being faced due to delay in providing police protection and help from revenue Authorities. Revised target : December-2024	719	686	672	277
10	220kV DC line from Umred S/stn to Nagbhid s/s	220	103	Dec-23	May slip (Apr-2024).	Work in progress All non-forest work completed. Forest (0.065 Ha): Part I: Forest Proposal: GoM has forwarded Proposal to RO Nagpur on 19.06.2023. Queries are complied by DCF, Nagpur to CCF Nagpur on 12.01.2024. Part II: NBWL Proposal: SBWL Meeting conducted on 16.10.2023 chaired by Hon CM, Maharashtra. PCCF(WildLife) has submitted proposal to GoM on 02.11.2023.NBWL Proposal submitted online by SBWL to MoECCF/NBWL on dt.08.01.2024. Revised Target: June-2024	189	181	180	61.42
11	220KV Nagewadi- Bhokardhan line	220	90	Dec-23	May-24	i) Severe ROW issue. ii) PGCIL crossings involved :- 400 kV- 2 Nos. ; 765 kV- 2Nos. ; 1200 kV-1 No. PGCIL Approval received on dt.09.09.23 Revised Target: June-2024	151	132	115	9.15
12	220 kV DCMC line by making LILO on 220 kV Bhigwan Kurkumb line at 400 kV Karjat S/s (18 km)	220	36	Jun-23	Mar-24	RoW Issue	51	49	43	18.76
13	220 kV DDCD Jeur-Karjat line	220	101	Oct-23	Mar-24	Severe RoW issues.	162	154	151	57
14	220 kV LILO on 220 kV Nalasopara- Boisar line at Palghar	220	1	Apr-23		COMMISSIONED				
15	LILO on 220kV Kathapur- Lonikand -I line at 220kV Khed City	220	11	Apr-23	Feb-24	Severe RoW issues in Village Pabal and Kendur. The Dy.SP Shirur visited site and conducted meeting with farmers of village Pabal.	22	22	22	7.12
	TOTAL (MSETCL)		1437							
	ELECTRICITY DEPARTMENT, GOVT. OF MANIPUR(ED, Manipur)									
	TOTAL (I)									
	ODISHA POWER TRANSMISSION CORPORATION LTD. (OPTCL)									
1	220kV LILO of Joda-TIPS at Keonjhar S/s	220	27	Nov-23	Feb-24	Forest clearance issue (May Slip, 7-8 locations in forest). Site inspection by DFO is pending.	52	45	38	0
2	LILO of Duburi-Balasore line at Dhamra	220	70	May-23		COMMISSIONED				
3	220kV LILO of Narendrapur-Therubali at Aska New S/s	220	90	Sep-23	Feb-24	work in progress.	162	162	162	43
4	220kV LILO of Bhanjanagar-Meramundali line at Daspalla	220	60	Sep-23		Forest issue.	109	108	99	23
	TOTAL (OPTCL)		247							
	PUNJAB STATE TRANSMISSION CORPORATION LIMITED (PSTCL)									
1	LILO of one ckt of 220 KV Jamalpur - Dhandari Kalan at Sherpur	220	4	Dec-23	May-24	Contractual issue (Contract terminated). Work in Progress. Also shutdown of 66 kV line is provided.	5	5	2	0.
2	220 kV S/Stn Mansa - 220 kV S/Stn Budhlada DC Line (25.5*2=51)	220	51	Feb-24	May-24	Work in Progress but RoW issues are there.	100	91	83	24.142
3	LILO of 220 KV Sarna Wadala Granthian at Gurdaspur.	220	16	Jun-23	Feb-24	Line almost completed but the work of upgradation of 132 KV to 220 KV substation at Gurdaspur is under progress.	31	31	31	14.800
4	220 KV S/Stn Bhari to proposed 220 KV Daheru Railway TSS	220	26	Apr-23		COMMISSIONED				
5	LILO of 220 kV S/Stn Mansa - Sunam (SC) at 400 kV S/StnPatran	220	85	Oct-23	Feb-24	Work Completed.	144	144	144	84.540
	TOTAL (PSTCL)		182							
	POWER TRANSMISSION CORP. OF UTTARAKHAND LTD. (PTCUL)									
1	Baranwari -Srinagar Phase-2 (Single Zebra conductor from Interconnection point of Singoli Bhatwari HEP) at Rudrapur line	220	31	Sep-23			0	0	0	
	TOTAL (PTCUL)		31							
	RAJASTHAN VIDYUT PRASARAN NIGAM LIMITED (RVPNL)									
1	Suratgarh- Babai	400	491	Dec-23	Dec-24	Contractual issues (Retendering initiated, NIT floated on 05.10.23, to be opened on 08.02.24). Recurring theft and legal angle also involved.	676	676	676	469
2	LILO of 220kV SIC Sirohi - Bhinmal (PG) line at 220kV GSS Reodar.	220	50	Aug-23		COMMISSIONED				
	TOTAL (RVPNL))		541							
	Power & Electricity Department, SIKKIM									
1	Dikchu-Singhik	220	22	Jun-23		RoW issues (5 spans)	131	128	120	126 spans
	TOTAL (SIKKIM)		22							
	TAMILNADU TRANSMISSION CORPORATION LTD. (TANTRANSO)									
1	NCTPS Stage-III - North Chennai (PS) line	765	13	Jun-23	Feb-24	Work Completed	20	20	20	12
2	LILO of one ckt of Thappagundu - Anaikadavu 400 line at Udumalpet (PGCIL) S/S	400	40	Nov-23	Feb-24	Work will be taken up after payment of Tree /Crop compensation.	60	60	60	39
3	Thervakandikai - Manali	400	73	Oct-23	Feb-24	Enter Upon Permission received from District Collector. Work to be taken up.	104	102	100	64

S.No.	Utility / Transmission Line	Voltage Level (KV)	Length (CKm)	Target Date	Revised Target Date (if any)	Status/ Reason for delay	Tower Locations (Nos.)	Foundations Completed	Towers erected	Stringing done (in CKm)
4	Udangudi - Ottapidaram (QM ACSR Conductor) line	400	141	Jul-23		COMMISSIONED				
5	LILO of Dharmapuri (Palavadi) 400 kV SS to the proposed Tirupattur 230 kV SS	230	77	Jan-24	Mar-24	RoW issue	299	292	266	33
6	LILO of the existing 230 kV Myvady - Kurukathi - Pugalur feeder at sanctioned Rasipalayam 400 kV SS	230	46	Jan-24	Mar-24	Work in Progress.	99	98	94	41
7	N.T. Kudiy - Karaikudi line	230	104	Sep-23		COMMISSIONED				
8	Kilpauk - TNEB HQ	230	6	Jun-23	Feb-24	Joint fault to be attended				
9	Sholinganallur(Ottiyambakkam) - Omega	230	70	Aug-23		COMMISSIONED				
10	LILO of S.P.Koil - Oragadam at Maraimalai Nagar 230 KV SS	230	9	Jun-23	Mar-24	Railway crossing approval awaited (follow up with Railway officials being done)	17	17	12	7
11	LILO of existing 230 KV Arni - Sriperumbudur feeder (0.81 KM) at the proposed Vembakkam 230 KV SS	230	2	Dec-23	Mar-24	line work completed S/s testing under progress.	5	5	3	1
12	LILO of 230 KV Mylapore - Taramani feeder at the proposed Thiruvanniyur 230 KV GIS SS	230	2	Jun-23	Feb-24	Testing under progress.				
13	LILO of 230 KV Abishekapatti - Udayathur line at Nanguneri 230 KV SS	230	40	Dec-23	Feb-24	Work completed. Line will be commissioned during completion of Nanguneri 230KV SS.	88	88	88	40
14	LILO of Pugalur - Kalivanthapattu Line at Ariyalur	400	15	Jun-23	Feb-24	Line will be commissioned after completion of Ariyalur 765KV SS.	15	15	15	15
15	UG Cable from Basin Bridge to TNEB Head Quarters	230	7	Apr-23	Feb-24	Sheath fault to be attended (damaged during corporation work, as such line work is completed)	NA			
16	LILO of Karaikudi - Pugalur feeder-I at Vellalaviduthi	400	167	Apr-23		COMMISSIONED				
17	CMRL Central Jail to Mambalam 230kV GIS SS (UG Cable)	230	9	May-23	Feb-24	Sheath fault to be attended	NA			
18	Vellalaviduthi 400 kV SS to Mondipatti 230 kV SS	230	90	Apr-23		COMMISSIONED				
	TOTAL(TANTRNSCO)		911							
	TRANSMISSION CORPORATION OF TELANGANA (TSTRANSCO)									
1	Yadadri TPP - Choutuppal	400	185	Sep-23	Jun-24	RoW and Standing crops issue. Paddy cutting in progress.	259	259	258	66.3
2	Yadadri TPP - Dindi	400	208	Aug-23	Feb-24	Inspection going on	290	290	290	208
3	Yadadri TPP - Jangaon	400	268	Feb-24	Dec-24	Works under progress but RoW and standing crop issue.	402	367	290	44
4	Narsapur to Bowrampet (Lattice structures)	220	136	Aug-23	Jun-24	Works under progress. (i) This line is Hybrid Transmission line for a length of 41 KM, out of which 34 KM OH line on Multi circuit towers, 3.5 KM with XLPE UG cable and 3.5 KM OH line on Monopoles. (ii) permission from HGCL and Forest Departments received.	136	136	136	131
5	Narsapur to Bowrampet (XLPE UG Cable)	220	7	Aug-23	Jun-24		1	0	0	7
6	Narsapur to Bowrampet (Monopole towers)	220	7	Aug-23	Jun-24		23	15	14	0
7	Damaracherla to Huzurnagar	220	77	Aug-23	Mar-24	Standing crops and RoW issues issue	137	137	133	73.096
8	Janagon to Husnabad	220	79	Aug-23	Mar-24	Standing crops and RoW issues issue	139	139	135	67.114
9	Dichpally- YacharamThanda	220	54	Dec-23	Mar-24	Works under progress (NHAI permissions received recently)	97	97	91	39.81
10	220KV Pulakurthy - Kakatiya Mega Textile Park	220	30	Mar-24	Jun-24	Works under progress (M/c towers) (Severe RoW/ Railway crossings however clearance received).	110	95	82	0
11	Narlapur SS - Yedula SS	400	56	Dec-23		COMMISSIONED				
12	Veltoor SS - Yedula SS	400	94	Aug-23	Feb-24	All works are completed and ready for charging.Statutory inspection is under progress.	139	139	139	93.602

S.No.	Utility / Transmission Line	Voltage Level (KV)	Length (CKm)	Target Date	Revised Target Date (if any)	Status/ Reason for delay	Tower Locations (Nos.)	Foundations Completed	Towers erected	Stringing done (in CKm)
13	Yedula SS - Vattem SS	400	61	Aug-23		COMMISSIONED				
14	LILO of Pulukurthy- Bheemghanpur line to KTPP SS	220	45	Sep-23		COMMISSIONED				
15	LILO of Salivagu- Bheemghanpur line to KTPP SS	220	42	Jun-23		COMMISSIONED				
16	Jangaon - Devannapet	220	110	May-23		COMMISSIONED				
17	Dindi SS - Yedula SS	400	111	Jun-23		COMMISSIONED				
18	LILO Mahabubabad - Warangal line to Ammavaripet	220	64	Apr-23	Feb-24	All works completed. Statutory remarks being attended	111	111	111	64
	TOTAL (TSTRANSCO)		1634							
U.P. POWER TRANSMISSION CORPORATION LTD. (UPPTCL)										
1	Aligarh - Shamli Line	400	478	Jul-23	Mar-24	Work allotted to M/s K.R. Rao for completing the leftover work on debitale basis. Leftover work is in progress, supply of tower parts is expected by 07.02.2023. Line work will be completed in Mar-24.	737	737	717	330
2	Aurai - Mirzapur Line	220	43	Jul-23	Dec-24	Work allotted to M/s Rama Power for completing the left over work on debitale basis. REC scheme is exhausted. Proposal has been submitted for funding from IR Head is under approval. After getting approval firm will start the remaing work which is likely to be completed in 7-8 months. (This may please be shifted in FY 2024-25)	148	116	73	0
3	Aurai - Phoolpur Line	220	71	Jul-23	Dec-24	completing the left over work on debitale basis. REC scheme is exhausted. Proposal has been submitted for funding from IR Head is under approval. After getting approval firm	223	191	185	41
4	Badhaikalan (Muzaffarnagar) - Shamli Line	220	66	Jun-23	Apr-24	Meerut on debitale basis. Material found short during reconciliation and further alignment of 03 foundations are found out. Cost escalation proposal approved and Part-II opened on 31.01.24. Work is expected to be completed in Apr-24.	113	113	104	32
5	Modipuram-II - Shamli Line	220	148	Apr-23	Apr-24	1. Work started at Gantry No. 14 as RoW resolved with the help of district administration. 2. RoW at location no. G-13 gantry is under persuation from district administration. (This may please be shifted in FY 2024-25)	262	260	258	146
6	LILO of 220kV Parichha (TPS) - Orai Ckt-II at Moth Line	220	12	Apr-23		COMMISSIONED				
7	220kV Raebareli (400) - Bachhrawan Line	220	160	Jul-23	Jun-24	This line is linked with 400kV S/s Raebareli. Left over work of 400kV Raebareli substation will be carried out on debitale basis. Due to large timeline for supply of Transformer. Substation may be energised in FY 2025-26 only. Line will be anti theft charged by Jun'24. (This may please be shifted in FY 2024-25)	273	261	247	86
8	Jehta (400) - Mallawan Line	220	160	Jun-23		COMMISSIONED				
9	220kV Shamli (400) - Deoband Line	220	93	Jun-23	Apr-24	Scheme was exhausted. Proposal approved from ETF. Line is expected to charged in Apr-24. (This may please be shifted in FY 2024-25)	150	150	145	32
10	Kursi Rd (PG) - Kanduni Line	220	91	Aug-23		COMMISSIONED				
11	LILO of 220kV Sec 148 - RC Green/Metro Depot @ 220 kV Knowledge Park-5 (14 Km)	220	28	Aug-23		COMMISSIONED				
12	LILO of 220kV Gr. Noida - RC Green/Metro Depot. Line @ 220kV Jalpura (21 Km)	220	42	Aug-23		COMMISSIONED				
13	LILO of Motiram Adda (400) - Barahuan Line @ 220kV Khorabar (2km Monopole+ 2km Cable)	220	8	Sep-23	Feb-24	Safety Clearance awaited, Line is expected to be charged in Feb-24.	9	9	9	4(O/H)+ 3.06 (U/C)
14	LILO of Modipuram - Faridnagar at Modipuram-II (220)	220	12	Apr-23		COMMISSIONED				
15	Saharanpur PG (400) - Deoband Line	220	49	Apr-23		COMMISSIONED				
16	Maharajanj - Gorakhpur PG (400) Line	220	174	Apr-23		COMMISSIONED				
17	LILO of Ckt.I and Ckt.II of 400 KV DC Quad Thathra-Biharsharif 400 S/s Sahupuri	400	54	Jul-23	Mar-24	Work allotted to M/s R.S. Infra after re-tendering for leftover work with completion period of 9 months. Shutdown will be applied on OCC meeting which will be held on 01.03.2024. for LILO work of 400kV line & likely to be energised in Mar-24	66 (Ckt -I)	66	66	17.91
							63 (Ckt-II)	63	63	15.23
							29 M/C	29	29	1.74
	TOTAL (UPPTCL)		1689							
WEST BENGAL STATE ELECTRICITY TRANSMISSION CO. LIMITED (WBSETCL)										
1	Jeerat - Krishnanagar 220 kV D/C connectivity	220	114	Jul-23		COMMISSIONED				
2	Lilo of Birpara-Alipurduar 220 kV D/C line of PGCIL at proposed Falakata 220/132 kV Sub-Station	220	17	Dec-23	Mar-24	Additional tower material pending	39	38	38	14.26

S.No.	Utility / Transmission Line	Voltage Level (KV)	Length (CKm)	Target Date	Revised Target Date (if any)	Status/ Reason for delay	Tower Locations (Nos.)	Foundations Completed	Towers erected	Stringing done (in CKm)
3	LILO of Durgapur - Asansole Tr. Line at proposed Mongalpur 220kV GIS	220	9	Jun-23		COMMISSIONED				
4	LILO of Existing STPS - JK Nagar 220kV line at Asansol 220kV S/S	220	65	Aug-23	Mar-24	RoW issue at 7 locations. Clearance from railway has been obtained. 3 locations (54/0, 55/0, 56/0) are on hold on account of corridor clearance issue from DFCCIL in conjunction with the railways. 1 no. loc (46/1) held up due to non clearance from ECL. ROW issue from land owners in loc- 43/1, 46/0, 47/0.	123	122	109	36
5	LILO of Howrah-KTTP at Jangalpur 220 kV GIS	220	2	May-23		COMMISSIONED				
6	LILO OF DURGAPUR - DPL at Durgapur AB Zone SS (for Upgradation of Durgapur AB Zone 132/33kV Substation to 220/132/33 KV Sub-Station)	220	8	Oct-23	May-24	line will be charged after Completion of S/s.	14	14	14	1.658
7	Diversion of existing STPS-Asansol Transmission line	220	5	Jun-23		COMMISSIONED				
	TOTAL (WBSETCL)		220							
	PRIVATE SECTOR									
	Adani Transmission Ltd.									
1	LILO of both circuits of Pugalur - Pugalur (HVDC) 400kV D/c line (with Quad Moose ACSR conductor) at Karur PS	400	4	Jul-23		COMMISSIONED				
2	765 kV Hyderabad - Kurnool	765	337	Jul-23		COMMISSIONED				
3	Warora (Pool) - Warangal (New)	765	664	May-23		COMMISSIONED				
4	Warangal (New) - Hyderabad	765	268	Jun-23		COMMISSIONED				
5	Warangal (New) - Chilakaluripeta	765	390	May-23		COMMISSIONED				
6	Warangal-Warangal	400	96	Apr-23		COMMISSIONED				
	TOTAL (ADANI)		1759							
	GR Infra Projects Limited									
1	Pachora SEZ PP-Bhopal (Sterlite) 400 kV D/c line (Quad/HTLS)	400	288	Nov-23	Feb-24		357	357	357	284.643
	TOTAL (GRINFRA)		288							
	Indigrd Ltd.									
1	LILLO of both circuits of Parli(PG) - Pune(GIS) 400kV D/c line at Kallam PS	400	68	Oct-23	Feb-24	RoW had been faced by TSP in Osmanabad district. Currently, RoW has been resolved and work is under progress.	47	46	42	21
	TOTAL (INDIGRID)		68							
	ReNew Transmission Venture Private Limited									
1	400 KV D/C Koppal PS- Narendra (New) Transmission Limited	400	275	Jun-23		COMMISSIONED				
2	400 KV D/C Gadag PS- Narendra (New) Transmission Limited	400	187	Sep-23	Feb-24	severe ROW issues; Forest proposal is pending with DFO Office to submit reply to the observation raised by IRO, Bengaluru on 22.11.2023; At location No. 23/1: Case filled for shifting of tower by land owners,	232	215	203	39.64
	TOTAL (RENEW POWER)		462							
	STERLITE GRID LTD. (SGL)									
1	LILO of Apta - Kalwa/Taloja 220 kV D/c line	220	5	Sep-23	Mar-24		10	0	0	0
2	Bongaigaon (POWERGRID) - Nangalbibra 400kV D/c line	400	245	Dec-23	Jun-24	1. Facing severe ROW issues at 3 locations (AP40,41/1 & 46/3) in Dhubri Distric. 08 locations (AP1 to AP 7 & AP27) in Kokrajhar District, 05 locations (AP62, AP63, AP64, AP65 & AP66) in Bongaigaon District and 01 locations (AP86) in Goalpara District. Revised date - June'24	309	244	169	47.7
	TOTAL (STERLITE)		250							
	Tata power Ltd.									
1	Babai-Bhiwani (NRSS XXXVI Element II)	400	111	May-23		COMMISSIONED				
	TOTAL (TATA POWER)		111							

Sub-Station Abstract of RFD FY 2023-24									As on	Jan-24
	Q1	Q1	Q2	Q2	Q3	Q3	Q4	Q4	Total	
	T	A	T	A	T	A	T	A	T	A
CENTRAL SECTOR										
DAMODAR VALLEY CORPORATION (DVC)	0	0	0	0	0	0	945	0	945	0
POWER GRID CORPORATION OF INDIA LIMITED (PGCIL)	7435	4435	2210	3100	4000	3100	9000	2185	22645	12820
TOTAL	7435	4435	2210	3100	4000	3100	9945	2185	23590	12820
STATE SECTOR										
TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED. (APTRANSCO)	1610	1705	1320	0	0	475	0	100	2930	2280
ASSAM ELECTRICITY GRID CORP. LIMITED (AEGCL)										
BIHAR STATE POWER TRANSMISSION COMPANY LIMITED (BSPTCL)	520	0	1520	200	0	360	0	400	2040	960
CHHATTISGARH STATE POWER TRANSMISSION CO. LTD. (CSPTCL)	0	0	0	0	320	0	0	0	320	0
DELHI TRANSCO LIMITED (DTL)	300	0	300	0	0	0	0	0	600	0
GUJARAT ENERGY TRANSMISSION CORP. LIMITED (GETCO)	500	0	0	0	1760	1040	320	60	2580	1100
HIMACHAL PRADESH POWER TRANSMISSION CORP. LTD. (HPPTCL)	600	300	100	0	0	0	200	232	900	532
HARYANA VIDYUT PRASARAN NIGAM LIMITED (HVPNL)	100	480	520	320	0	360	1260	100	1880	1260
J&K POWER DEVELOPMENT DEPARTMENT (JKPDD)	0	0	160	160	0	0	100	0	260	160
JHARKHAND URJA SANCHARAN NIGAM LIMITED (JUSNL)	300	0	630	0	0	0	0	0	930	0
KARNATAKA POWER TRANSMISSION CORP. LIMITED (KPTCL)	200	100	200	250	0	350	1150	0	1550	700
KERALA STATE ELECTRICITY BOARD (KSEB)	830	315	0	315	0	0	0	0	830	630
M.P. POWER TRANSMISSION CORPORATION LIMITED (MPPTCL)	620	760	75	275	80	260	0	0	775	1295
MAHARASHTRA STATE ELEC. TRANSMISSION COMPANY LTD. (MSETCL)	415	565	1115	100	1225	50	0	0	2755	715
ELECTRICITY DEPARTMENT, GOA										
ORISSA POWER TRANSMISSION CORPORATION LTD. (OPTCL)	646	286	0	0	0	320	320	0	966	606
PUNJAB STATE TRANSMISSION CORPORATION LIMITED (PSTCL)	220	305	720	200	1380	180	100	600	2420	1285
POWER TRANSMISSION CORP. OF UTTARAKHAND LTD. (PTCUL)	0	0	0	0	0	0	0	0	0	0
RAJASTHAN VIDYUT PRASARAN NIGAM LIMITED (RVPNL)	0	0	360	280	0	100	0	315	360	695
Power & Electricity Department, SIKKIM										
TAMILNADU TRANSMISSION CORPORATION LTD. (TANTRANSCO)	500	60	8930	250	0	2900	400	0	9830	3210
TRANSMISSION CORPORATION OF TELANGANA (TSTRANSCO)	670	170	1820	185	0	1000	490	160	2980	1515
U.P. POWER TRANSMISSION CORPORATION LTD. (UPPTCL)	1980	1935	2520	1440	2320	1400	0	700	6820	5475
WEST BENGAL STATE ELECTRICITY TRANSMISSION CO. LIMITED (WBSETCL)	635	0	0	635	1355	315	420	720	2410	1670
TOTAL	10709	6981	20290	4610	8440	9110	4760	3387	44199	24088
PRIVATE SECTOR										
ADANI TRANSMISSION LTD.	3000	0	1000	3000	0	2500	0	0	4000	5500
GRINFRA	0	0	0	0	1500	0	0	0	1500	0
INDIGRID	0	0	0	0	1000	0	0	0	1000	0
Renew Power	0	0	0	0	2500	1500	1000	1000	3500	2500
STERLITE GRID LTD. (SGL)	0	0	0	0	320	0	0	0	320	0
TATA Power										
Total	3000	0	1000	3000	5320	4000	1000	1000	10320	8000
GRAND TOTAL	21144	11416	23500	10710	17760	16210	15705	6572	78109	44908

Details of Substations Targetted for Commissioning during Year 2023-24							Physical Progress			
S.No.	Utility / Substation Line	Voltage Ratio (KV)	Transformation Capacity (MVA)	Target Date	Revised Target Date	Status/ Reason for delay	Land Acquisition (in %)	Civil works (in %)	Equipment Received (in %)	Equipment Erected (in %)
CENTRAL SECTOR										
DAMODAR VALLEY CORPORATION (DVC)										
1	220KV infrastructure at RTPS [Powerhouse Switchyard]	400/220	630	Jan-24	Feb-24	GIS part erection is left. Outdoor activities delayed due to rain & water logging	100	85	100	80
2	220KV infrastructure at MTPS [Powerhouse Switchyard]	400/220	315	Jan-24	Feb-24	GIS part erection is left. Outdoor activities delayed due to rain & water logging	100	90	100	85
	Total (DVC)		945							
POWER GRID CORPORATION OF INDIA LIMITED (PGCIL)										
1	1x500MVA 400/220kV ICT (3rd) at Ranchi (PG) SS (Eastern Region Strengthening Scheme-XXVI (ERSS-XXVI))	400/220	500	May-23		COMMISSIONED				
2	Aug of 1x315MVA 400/220kV ICT to 1x500MVA 400/220kV ICT at Patiala (PG) SS (Augmentation of transformation capacity at 400/220 kV Kurukshetra (PG) Substation & 400/220 kV Patiala Substation)	400/220	500	Jun-23		COMMISSIONED				
3	1x500MVA 400/220kV ICT (3rd) at Bhatapara (PG)	400/220	500	Jun-23		COMMISSIONED				
4	1x500MVA, 400/220kV ICT at Kochi SS (Under Augmentation of capacity at existing Hiriyur and Kochi SS)	400/220	500	Jun-23		COMMISSIONED				
5	Replacement of 1x315 MVA 400/220kV ICT (ICT-1) at 400/220 kV Ludhiana (PG) S/s with 1x500 MVA 400/220kV ICT	400/220	185	May-23		COMMISSIONED				
6	Replacement of 1x250 MVA, 400/220 kV ICT at 765/400/220 kV Moga (PG) S/s with 1x500 MVA 400/220kV ICT along with associated works at 220kV level.	400/220	250	May-23		COMMISSIONED				
7	765/400/220kV Extension at Fatehgarh-II (400/220kV, 500MVA (9th) (Transmission system strengthening Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II - Part B1)	400/220	500	Jun-23		COMMISSIONED				
8	1x500MVA 400/220kV ICT along with associated bays at Kurukshetra (PG) GIS SS (Augmentation of transformation capacity at 400/220 kV Kurukshetra (PG) Substation & 400/220 kV Patiala Substation)	400/220	500	Jun-23		COMMISSIONED				
9	1x1500MVA 765/400kV ICT (3rd) at Nizamabad (PG) SS (2x1500MVA already existing) (Augmentation of Transformation Capacity in Southern Region)	765/400	1500	Jun-23		COMMISSIONED				
10	2x500MVA 400/230kV (4th & 5th) ICT at Tuticorin-II GIS Substation (Evacuation of RE in Tirunelveli & Tuticorin WEZ (TN) 500MW)	400/230	1000	Jul-23		COMMISSIONED				
11	1x500MVA 400/220kV ICT (3rd) at Palakkad (PG) SS (2x315MVA already existing) (Augmentation of Transformation Capacity in Southern Region)	400/220	500	Jul-23		COMMISSIONED				
12	1x500MVA 400/220kV ICT (3rd) at Kolar (PG) SS (2x500MVA already existing) (Augmentation of Transformation Capacity in Southern Region)	400/220	500	Jul-23	Feb-24	Work under progress.		94	55	47
13	765/400/220kV Extension at Bhadla-II (400/220kV, 500MVA (8th) ICT) (Transmission system strengthening Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II - Part B1)	400/220	500	Oct-23	Feb-24	X-mer supply issue. Work under progress.	Available	85	80	65
14	765/400 kV, 1x1500 MVA (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- A1)	765/400	1500	Oct-23				80	85	45
15	765/400/220kV Extension at Fatehgarh-II, 765/400kV, 1500MVA 6th ICT (Transmission system strengthening Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II - Part B1)	765/400	1500	Jan-24	Mar-24	3X500MVA 765kV X-mer diverted to Bhadla-II S/s due to reluctance of RE developers on account of GIB area declaration.	Available	95	95	80
16	400/220kV Ramgarh-II PS (4x500 MVA Transformer & 2x125MVAR, 420kV Bus Reactor) (Transmission system strengthening scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under phase-II- Part A SPV Name: POWERGRID Ramgarh Transmission Limited)	400/220	2000	Nov-23		COMMISSIONED				
17	Ext at 765/400kV Padghe (GIS) PG SS (2 no. 400kV line bays) (1x1500MVA 765/400kV ICT, 4no. 765kV line bays (incl. 2 for future) (Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B)	765/400	1500	Feb-24	Mar-24	Work under progress.	Available	55	55	15
18	1X500MVA, 400/220kV ICT (6th) at Pavagada (Tumkur) PS	400/220	500	Feb-24	Jan-24		Available	72	54	20
19	2x500MVA 400/220kV ICT at Bikaner II PS (Implementation of 220 kV bays for RE generators and 400/220kV ICTs at Bikaner II PS)	400/220	1000	Feb-24	Jan-24	Work Completed. 1 T/F commissioned in Jan-24		95	90	55

S.No.	Utility / Substation Line	Voltage Ratio (KV)	Transformation Capacity (MVA)	Target Date	Revised Target Date	Status/ Reason for delay	Land Acquisition (in %)	Civil works (in %)	Equipment Received (in %)	Equipment Erected (in %)
20	Extension 765/400/220kV Bhadla-II PS (500MVA ICT-2nd, 3rd, 4th and 5th) [under Transmission System for Providing connectivity to RE projects at Bikaner (PG), Patchgarh-II & Bhadla-II]	400/220	1000	May-23		COMMISSIONED				
21	ICT at Salakati under NERSS-XI	220/132	100	Sep-23		COMMISSIONED				
22	Repl. of 220/132KV 1x50 MVA to 1x160 MVA at Kopili S/stn.	220/132	110	Sep-23		COMMISSIONED				
23	765/400 , 1x1500MVA Transformer (3rd) at Bikaner(PG)	765/400	1500	Apr-23		COMMISSIONED				
24	765/400kV GIS substation at Narela (1x1500MVA 765/400kV ICT) (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.)	765/400	1500	Mar-24		Engg. in progress. ICT reached at site.	Aquired in Mar-23	55	60	25
25	765/400/220kV Extension at Bhadla-II (765/400kV, 1500MVA 4th ICT) (Transmission system strengthening Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II – Part B1)	765/400	1500	Mar-24			Availabe	85	80	65
26	1x500 MVA, 400/230kV ICT (4th) at Arasur substation	400/230	500	Mar-24			Available	40	30	0
27	1x500MVA 400/220kV ICT at Jind (Augmentation of ISTS for interconnection of HVPNL transmission)	400/220	500	Mar-24			Availabe	30	10	0
28	Augmentation of Transformation capacity by 1X500MVA, 400/230kV ICT (4th) at Hosur SS	400/230	500	Mar-24			Available	55	70	25
STATE SECTOR										
TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED (APTRANSCO)										
1	Pampanur Tanda (GEC-I)	220/132	320	Sep-23	Feb-24	160MVA PTR-I charged on 15.12.2023	100	100	100	90
2	Tiruvuru	220/132	300	Jun-23	May-24	1. Substation charged on 132kV Side. 220kV side, equipment erection is in progress. To charge the Substation from 220kV Side, it is linked with incoming Transmission line progress. In Transmission line, there are ROW issues. Pursuing with Police authorities for clearing ROW issues. 2. Equipment earthing under progress 3. 220kV side Metal spreading works under progress.	100	70	80	80
3	Dharmavaram	220/132	200	Jun-23	Jun-24	Contractual issues and workers issue also. 1.Battery set, Battery charger, LTAC panel, 2Km earth wire to be supplied by the contractor. 2. Pending jumpering works to be taken up 3. Control room & bay kiosks finishing works to be taken up. 4. Laying of cover slabs for switchyard cable duct under progress	100	90	100	100
4	Aug.at Kalpaka -4th (500MVA)	400/220	500	Sep-23	Feb-24	All works completed. Cabling/ earthing under progres..	100	50	75	40
5	Hindupur (ICT 3rd & 4th)	400/220	630	Jun-23		COMMISSIONED				
6	Aug. at Jammalamadugu	400/220	500	Sep-23		COMMISSIONED				
7	Penukonda	220/132	320	Jun-23		Charged on 30.12.2023 without PTRs	100	85	90	90
8	Piduguralla (Upgradation) (PTR II)	220/132/33	160	May-23		COMMISSIONED				
	TOTAL (APTRANSCO)		2930							
ASSAM ELECTRICITY GRID CORP. LIMITED (AEGCL)										
BIHAR STATE POWER TRANSMISSION COMPANY LIMITED (BSPTCL)										
1	Bakhtiyarpur (GIS) s/s (2x500)	400/220	1000	Jul-23	Mar-24	GIS related work is going on. Both 500 MVA transformer with reactor at site. All major materials at site. Transformer delivery delayed..	100	75	80	0
2	Bakhtiyarpur (GIS) s/s (2x160))	220/132	320	Jul-23	Mar-24	01 no. 160 MVA transformer is in factory, inspection done, delivery is awaited.	100	75	80	0
3	Naubatpur GIS (Balanced) (220/132 kV T/Fs of 160 MVA)	220/132	160	Jun-23	Feb-24	Testing of transformer under progress.	100	100	100	100
4	Dumraon (GIS) s/s (2nd T/F)	220/132	160	Apr-23		COMMISSIONED				
5	Raxaul (New) s/s (T/F - I)	220/132	200	Apr-23		COMMISSIONED				
6	Raxaul (New) s/s (T/F -II)	220/132	200	Aug-23		COMMISSIONED				
	TOTAL (BSPTCL)		2040							
CHHATTISGARH STATE POWER TRANSMISSION CO. LTD. (CSPTCL)										
1	Patan (Up-gradation of existing 132/33 KV Patan S/s) (2x160)	220/132	320	Oct-23	Feb-24	line stringing (1 ckm) is going on .	100	100	100	100
	TOTAL (CSPTCL)		320							
DELHI TRANSCO LIMITED (DTL)										
1	220kV GIS Substation at Timarpur	220/33kV	300	Sep-23		220kV GIS arrived at Mumbai port and waiting for custom clearances	100	95	65	65
2	220kV GIS Substation at Rajghat (Conversion of Existing AIS Rajghat to New Rajghat GIS Substation)	220/33kV	300	Jun-23		No infeed available.	100	90	90	85
	TOTAL (DTL)		600							
GUJARAT ENERGY TRANSMISSION CORP. LIMITED (GETCO)										
1	Ukai	400/220	500	Jun-23	Feb-24	Issue in bushing of T/F - Rectification pending	100	100	100	80
2	Mera	220/66	320	Nov-23		Testing & Commissioning under progress	100	100	100	87

S.No.	Utility / Substation Line	Voltage Ratio (KV)	Transformation Capacity (MVA)	Target Date	Revised Target Date	Status/ Reason for delay	Land Acquisition (in %)	Civil works (in %)	Equipment Received (in %)	Equipment Erected (in %)
3	Sevaliya	220/66	320	Oct-23		Testing & Commissioning under progress	100	100	100	98
4	Ghiyavad	220/66	320	Feb-24		Testing & Commissioning under progress	100	100	100	90
5	Kamlapur	220/66	160	Nov-23		Testing & Commissioning under progress	100	100	100	98
6	Metoda	220/66	320	Nov-23	Feb-24	Testing & Commissioning under progress	100	99	100	99
7	Patkhilori	220/66	320	Dec-23	Mar-25	Civil Contractual issue (both may slip to next FY as rework is to be done) Testing of civil work done is under progress. Work will be given to other agency.	100	93	85	40
8	Besan	220/66	320	Nov-23		CRP supply will be in Feb 2024	100	79	85	80
TOTAL (GETCO)			2580							
Electricity Department-GOA										
1	Tivim (3rd trf.) (Aug)	220/33	63	May-23			100	0	0	0
TOTAL (ED-GOA)			63							
HIMACHAL PRADESH POWER TRANSMISSION CORP. LTD. (HPPTCL)										
1	80/100 MVA GIS Sub-Station at Heiling.	220/66	100	Sep-23	Apr-24	Delay due damage of Bridges enroute to Sub-Station Site during heavy rainfall in the month of July & August 2023. The strengthening of Luna and Dhundha Bridges have been completed whereas strengthening of Choli bridge is under progress and likely to be completed by the mid of Feb-2023. The strengthening of same was only possible in the lean season.	100	93	96	76
2	Charor GIS	220/132	100	Apr-23		COMMISSIONED				
3	Charor (Additional T/F)	220/33	100	May-23		COMMISSIONED				
4	Mazra (Chamba) s/s	220/132	200	Jun-23		COMMISSIONED				
5	Kangoo s/s	220/132	200	Feb-24	Apr-24		100	85	95	50
6	220/132/33kV Substation at Kala-amb	220/132	200	Jun-23	Feb-24	The case for Connection Data Approval has been taken up with CTUIL. Thereafter, the matter for charging case shall be taken up with the POSOCO. The process is likely to be cleared by the end of this month	100	100	100	100
7	220/33kV Prini Sub-Station	220/33	31.5	-	Feb-24	Ready For Charging	100	100	100	100
TOTAL (HPPTCL)			931.5							
HARYANA VIDYUT PRASARAN NIGAM LIMITED (HVPNL)										
1	Roj-Ka-Meo, Palwal	220/66	320	Jan-24	Sep-24	Work was previously awarded to M/s IKE electric vide turnkey contract but due to dismal progress of firm at site. Further, it was decided by BODs that the remaining work will be executed departmentally for which administrative approval of work was given by WTDs on dated 29.05.2023. At present, Civil wing has floated 2 no. NIT out of 4 No. NIT for remaining civil works. The 2 No. NIT have been opened and under technical evaluation. Electrical works has also been floated with date of opening 23.08.2023.the likely date of commissioning is 30.09.2024.	100	37	54	5
		220/33	100		Sep-24		100	38	54	5
2	Transport Hub Sector-8 IMT Manesar	220/66	320	Feb-24	Jun-24	On account of blacklisting of firm , the balance work now will be completed on departmentally as approved by Whole time directors (WTDs)	100	85	50	45
3	HSIIDC Rai, Sonapat	220/33	200	Aug-23		PO awarded firm i.e. M/s Angelique International was blacklisted and work will be done departmentally at the risk & cost of the firm. Administrative approvals for execution of the balance electrical works by the respective OEMs under progress. E tender for completion of electrical works uploaded on HEW portal & scheduled to be opened on 24.08.2023. E tender for completion of balance civil work opened on 11.08.2023 and work order will be issued after negotiation.	100	80	80	75
		220/132	320				100	80	70	65
4	GIS sector-15 II, Gurugram	220/66	320	Feb-24	Mar-24	Due to non availability of feeding line, GIS could not be energised. Work of Line in the scope of M/s Baja Electricals Pvt. Ltd. is in progress. One transformer received, second one will be received by the end of January	100	100	90	95
5	Harfali (AIS), Palwal	220/66	200	Feb-24	Apr-24	Land acquisition took time.	100	39	5	0
6	Gurgaon Sector-69 GIS (T/F II)	220/33	100	Jun-23		COMMISSIONED				
TOTAL (HVPNL)			1880							
J&K POWER DEVELOPMENT DEPARTMENT (JKPDD)										
1	Nagrota GSS	220/33	100	Jan-24	Aug-25	Retendering being done (as of now August 2025 as per PMDP status)				
2	Haripora	220/33	160	Sep-23		Completed as per PMDP records.	100	90	100	95
TOTAL (JKPDD)			260							
JHARKHAND URJA SANCHARAN NIGAM LIMITED (JUSNL)										
1	Lohardaga GSS (PGCIL)	220/132	300	Jun-23	Mar-24		100	95	90	90

S.No.	Utility / Substation Line	Voltage Ratio (KV)	Transformati on Capacity (MVA)	Target Date	Revised Target Date	Status/ Reason for delay	Land Acquisition (in %)	Civil works (in %)	Equipment Receieved (in %)	Equipment Erected (in %)
2	Latehar GSS	440/220	630	Jul-23	Mar-24					
	TOTAL (JUSNL)		930							
KARNATAKA POWER TRANSMISSION CORP. LIMITED (KPTCL)										
1	Srinivasapura, 220kV: Establishing 2x100MVA, 1x12.5MVA, 220/66/11kV Sub-station with Terminal bays.	220/66	200	Aug-23		COMMISSIONED				
2	Kconics (Electronic City): Establishing 2x150MVA, 220/66kV Outdoor GIS S/s in the premises of existing 66/11kV Kconics (Electronic City) S/s.	220/66	300	Feb-24	Feb-24		100	70	100	80
3	Bilagi: Establishing 2X100MVA, 220/110kV sub-station.	220/110	200	Feb-24	Jul-24		100	55	100	95
4	Ghanagapura: Establishing 2X100MVA, 220/110kV sub-station.	220/110	200	Jan-24	Feb-24		100	70	100	60
5	Somasamudra: Establishing 2X100MVA, 220/110kV sub-station.	220/110	200	Jan-24			100	50	78	70
6	Kushtagi: Providing 3rd 100 MVA 220/110kV power transformer	220/110	100	Jun'23		COMMISSIONED				
7	Malur:Providing spare 100MVA Power Transformer	220/66	100	Jan-24	Mar-24	Transformer stage inspection going on.	100			
8	Yerandanahalli: Replacing 2x100MVA, 220/66kV PT by 2x150MVA, 220/66kV Power Transformers	220/66	100	May-23	Sep-24	1 T/F got replaced	100			
9	Puttenahalli(DG Plant): (Additional 3rd T/F)	220/66	150	Jan-24		COMMISSIONED				
	TOTAL (KPTCL)		1550							
KERALA STATE ELECTRICITY BOARD (KSEB)										
1	Kottayam	400/220	630	Apr-23		COMMISSIONED				
2	Pathanamthitta	220/110	100	Jun-23		Work in progress. Issues in execution of associated line works (Western Ghat)	Own land	40	15	5
3	Kakkad	220/110	100	Jun-23		Work in progress. Issues in execution of associated line works (hilly rock blasting requirement)	Own land	35	15	5
	TOTAL (KSEB)		830							
M.P. POWER TRANSMISSION CORPORATION LIMITED (MPPTCL)										
1	Julwaniya S/s, (Addl. 160MVA X-mer)	220/132	160	Jun-23		COMMISSIONED				
2	Jabalpur 220 kV S/s: replacement of 3x40MVA by 1x160MVA X-mer	220/132	40	Jun-23		COMMISSIONED				
3	Nagda 220 kV S/s Aug. (200-125)	220/132	75	Sep-23		COMMISSIONED				
4	Indore -SZ 220 kV S/s: Replacement of 3x40MVA by 1x160MVA X-mer	220/132	40	Dec-23		COMMISSIONED				
5	Itarsi 220 kV S/s: replacement of 3x40MVA by 1x160MVA X-mer	220/132	40	Dec-23		COMMISSIONED				
6	Kirnapur, Addl. T/F	400/132	100	Apr-23		Delay in supply of X-mer	100	97	57	57
7	Chichli, Addl. T/F	220/132	160	Apr-23		COMMISSIONED				
8	Nimrani, Addl. T/F	220/132	160	Apr-23		COMMISSIONED				
	TOTAL (MPPTCL)		775							
MAHARASHTRA STATE ELEC. TRANSMISSION COMPANY LTD. (MSETCL)										
1	220/33KV GIS at Ulve node	220/33	100	Apr-23		COMMISSIONED				
2	Pardi SS (220/132, 2X100 MVA and 220/33, 2x50 MVA)	220/132 - 33	300	Dec-23	Jun-24	1) Substation testing work is in progress. 2) Issues in line work: i) Involvement of 4 nos. of Bridges, work of one Big and one small bridges is in progress. ii) Railway underpass permission received on 20.10.2023 for section B-9. iii) In section 15-16, NOC from MRIDC required for railway underpass permission. Joint feasibility completed along with Railway and proposal submitted to Railway for approval, demand note awaited. Revised Target: June -2024	100	100	100	100
3	220/33KV Shendra GIS (DMIC)	220/33	100	Dec-23	Jun-24	Substation work is almost completed. Associated line work is in progress. Revised Target: June -2024	100	100	100	100
4	220/33KV GIS at New Timber Market (Panvel-II)	220/33	100	Dec-23	Apr-24	i) Delay in receipt of GIS material from China. ii) 220 kv GIS material received from China and erection work almost completed. iii) Termination kits are yet to be received from Brooks, Germany, expected in February-2024.	100	95	90	82
5	Up-gradation of existing 132 kv Pandharkawda substation to 220 kv level	220/132kV	100	Dec-23	Mar-24	i)ICT-I & II is test charged on 30.12.2019 & 03.01.2020 resp. ii) Part -I of line is charged & work of part -II is in progress.	100	100	100	100
6	Establishment of 220/ 33 kv Naghbid Substation	220/33kV	125	Dec-23	Nov-24	Substation test charged. Line issue: Involvement of Forest and wildlife, approval awaited. Revised Target: November-2024	100	100	100	100
7	132KV Level creation at existing 220KV Shendra (old) Substation	220/132kV	200	Dec-23		COMMISSIONED				
8	400kV Babhleshwar Substation (3x167)	400/220	500	Jul-23	Feb-24	ICT was received at the site. completed. 2) ICT erection completed. 3) HV & LV equipment erection completed 3) Cable laying & termination in progress for ICT auxiliaries. Structural material received at site	100	95	90	95
9	400kV Khadka Substation (3x105)	400/220	315	Sep-23	Feb-24	1) ICT erection completed. 2) CR panel not received. 3) 220 kv interconnecting tower WIP. 4) HV & LV bays erection completed.	100	95	85	80
10	220kV Walchandnagar Substation(Aug.) (1x200-100)	220/132	100	Dec-23	Mar-24	Work will be started after receipt of ICT. LOA for ICT procurement issued to M/s Atlanta & M/s BBL respectively. ICT stage inspection completed.	100	NA	0	0
11	220kV Pandharpur Substation(Aug.) (1x200-100)	220/132	100	Dec-23	Mar-24	Work will be started after receipt of ICT. LOA for ICT procurement issued to M/s Atlanta & M/s BBL respectively. ICT stage I inspection completed.	100	NA	0	0
12	220kV Chalisgaon Substation (1x200)	220/132	200	Sep-23	Feb-24	ICT awaited (in repair). HV & LV bay commissioned. Revised Target Date Feb-24'	100	90	95	80
13	400kV Lonikand Substation (1x50)	220/22	50	Sep-23	Mar-24	Civil work in progress. T/F received at S/s diverted to 400kV Chakan S/s. After repairing of failed T/F. Same will be utilised.	100	80	20	0

S.No.	Utility / Substation Line	Voltage Ratio (KV)	Transformati on Capacity (MVA)	Target Date	Revised Target Date	Status/ Reason for delay	Land Acquisition (in %)	Civil works (in %)	Equipment Receieved (in %)	Equipment Erected (in %)
14	220kV Boisar-II Substation(Aug.) (1x 200-150)	220/132	50	Sep-23	Feb-24	ICT received at site. ICT erection completed	100	NA	0	0
15	400kV Wajuj Substation (1x50)	220/33	50	Dec-23		COMMISSIONED				
16	220kV Nanded City Substation (1x50)	220/22	50	Dec-23	Mar-24	Work in progress.(T/F stage inspection is in process by second agency). HV & LV bays work completed.	100	80	80	70
17	New Koyna (Aug) (3x105 MVA)	400/220	315	Apr-23		COMMISSIONED				
	TOTAL (MSETCL)		2755							
ELECTRICITY DEPARTMENT, GOVT. OF MANIPUR(ED, Manipur)										
ORISSA POWER TRANSMISSION CORPORATION LTD. (OPTCL)										
1	2X63 MVA, 220/33kV Kantabada S/s	220/33	126	May-23		COMMISSIONED				
2	2X20 MVA, 220/33kV Balichandrapur (Palei) S/s	220/33	40	Jun-23	Feb-24	Transformer inspection awaited	100	80	90	80
3	2X160 MVA, 220/132kV Turumunga S/s	220/132	320	Feb-24	Mar-24	Forest issue (in line)	100	90	100	90
4	Bamra S/s (2x160 MVA) T/F-II	220/132	160	Jun-23	Dec-23	COMMISSIONED				
5	Dhamra S/s (2x160 MVA)	220/132	320	Apr-23		COMMISSIONED				
	TOTAL(OPTCL)		966							
PUNJAB STATE TRANSMISSION CORPORATION LIMITED (PSTCL)										
1	400 KV S/S Nakodar (Aug of 1x315 MVA T/F with 1x500 MVA T/F) 1st	400/220	185	Aug-23		COMMISSIONED				
2	400 kV S/S Dhanansu (1x315 MVA)	400/220	315	Sep-23	Jan-24	COMMISSIONED				
3	400 kV S/S Ropar (1x500 MVA T/F) New 1st	400/220	500	Nov-23		Work in progress. Likely to be commissioned by March-2024	Not Required	99	100	90
4	400 kV S/S Ropar (1x500 MVA T/F) New 2nd	400/220	500	Dec-23			Not Required	99	100	90
5	220 kV S/S G-1. (Aug. of 2x100 MVA T/F with 2x160 MVA)	220/66	120	May-23		COMMISSIONED				
6	220 kV S/S Udhoke (Addl. 100 MVA)	220/66	100	Jun-23		COMMISSIONED				
7	220 kV S/S Dhandari Kalan-2 (Aug. of 2x100 MVA T/F with 2x160 MVA T/F)	220/66	120	Jul-23	May-24	1x100 MVA T/F was augmented to 160 MVA and was comissioned on 09.08.2023 but the same has been damaged on 13.08.2023. Now the T/F will be replaced after receipt of repaired T/F from BHEL or some other T/F in pipeline.	Not Required	70	60	40
8	220 kV S/S Gurdaspur (1x100 MVA) (Upgraded from 66 KV to 220 KV)	220/66	100	Aug-23	Feb-24		Not Required	85	100	80
9	220 kV S/S Kharar (Aug. of 1x100 MVA T/F with 1x160 MVA T/F)	220/66	60	Nov-23	Dec-23	COMMISSIONED				
10	220 kV S/S Banur (Aug. of 1x100 MVA T/F with 1x160 MVA T/F)	220/66	60	Nov-23	May-24	T/F supply in pipeline.	Not Required	0	0	0
11	220 kV S/S Budhlada (1x160 MVA T/F) (Upgraded from 66 KV to 220 KV)	220/66	160	Dec-23	May-24	Work held up due non availability of space for construction of 2 NO. 220 KV Bays at 220 KV S/S Mansa end due to Land acquisition issue	Not Required	80	40	30
12	220 kV S/S Naraingarh (Addl. 100 MVA T/F)	220/66	100	Dec-23	Feb-24	Transformer received	Not Required	100	100	90
13	220 kV S/S Banga (Addl. 100 MVA T/F)	220/132	100	Jan-24		COMMISSIONED				
	TOTAL (PSTCL)		2420							
POWER TRANSMISSION CORP. OF UTTARAKHAND LTD. (PTCUL)										
1	NIL									
	TOTAL (PTCUL)									
RAJASTHAN VIDYUT PRASARAN NIGAM LIMITED (RVPNL)										
1	Reodar (Distt. Sirohi),	220/132	160	Aug-23	Feb-24	Contractual issue (delay in supply of X-mer)	100	90	95	95
2	Banar (GIS) (Distt. Jodhpur)	220/132	200	Aug-23	Mar-24	GIS supply delay	100	80	80	50
	TOTAL (RVPNL)		360							
Power & Electricity Department, SIKKIM										
TAMILNADU TRANSMISSION CORPORATION LTD. (TANTRANSCO)										
1	North Chennai Pooling Station (GIS)	765/400	4500	Aug-23	Feb-24		100	100	100	100
2	Ariyalur	765/400	3000	Sep-23	Mar-24	T/F-1 commissioned in Dec-23. 2nd ICT is expected to be commissioned in March, 2024	100	95	95	95
3	Vellalaviduthi (400/110, 2X200 MVA)	400/110	400	Sep-23	Feb-24	Work in Progress	100	100	95	100
4	Vellalaviduthi (400/230, 2X315 MVA)	400/230	630	Sep-23		COMMISSIONED				
5	Selvapuram	230/110	200	Jul-23	Mar-24	Slow progress of work by the Contractor.	100	85	95	95
6	Maraimalai Nagar	230/110	200	Jul-23	Mar-24	Testing work completed. Ready for back charging. Portion of Railway crossing is remaining (5 No. towers are pendtional.	100	100	100	95
7	Vembakkam	230/110	200	Feb-24	Mar-24	Work under progress	100	98	95	75
8	Nanguneri	230/110	200	Feb-24	Mar-24	Earthing work pending	100	95	50	50
9	Erode (T/F - II)	230/110	100	Jun-23		COMMISSIONED				
10	Karuppur	230/110	200	Apr-23	Mar-24	SS test-charged on 16.10.2023. 100 MVA charged in october. 2nd transformer expcted to be commissioned during March, 2024	100	100	100	100
11	Thiruvannmiyur	230/110	200	Apr-23	Mar-24	Contractual delay	100	90	90	90
	TOTAL(TANTRANSCO)		9830							
TRANSMISSION CORPORATION OF TELANGANA (TSTRANSCO)										
1	YacharamThanda LI SS (3x40 + 2x25 MVA)	220/11	170	Jan-24	May-24	Control room delayed due to delay in handing over of land by Irrigation	100	70	90	60
2	Bhupalapally (KTPP) SS (2x500)	400/220	1000	Jul-23	Jun-24	Contractual problems -Contractor provided cable with low IR values. also. Civil works pending due to heavy rains	100	80	90	85
2	Bhupalapally (KTPP) SS (2x160)	220/132	320	Jul-23	Jun-24		100	80	90	85

S.No.	Utility / Substation Line	Voltage Ratio (KV)	Transformati on Capacity (MVA)	Target Date	Revised Target Date	Status/ Reason for delay	Land Acquisition (in %)	Civil works (in %)	Equipment Recieved (in %)	Equipment Erected (in %)
3	Kakatiya Mega Textile Park (KMP)SS (2x160)	220/132	320	Feb-24	Jun-24	work under progress (soil levels not ok)	100	60	90	60
4	Devannapet LI SS (3x40 + 2x25 MVA)	220/11	170	May-23		COMMISSIONED				
5	Choutuppall S/S (T/F-II)	400/220	500	Sep-23		COMMISSIONED				
6	Chandanvally (T/F II)	220/132	100	Jun-23	Jun-24	works to be taken up as per the requirement of loads & request of industries as it is a Industrial Substation	100	95	95	95
7	Husnabad	220/132	200	Apr-23	Mar-24	Automation and Integration works under progress (contractor issue)	100	100	95	95
8	Ammavaripet	220/132	200	Apr-23	Feb-24	All Substation works completed.Connected line works are under progress.	100	100	100	100
	TOTAL (TSTRANSCO)		2980							
U.P. POWER TRANSMISSION CORPORATION LTD. (UPPTCL)										
1	Sahupuri S/S (2x500)	400/220	500	Oct-23	Feb-24	500 MVA T/F-I is likely to be back charged by 15 Feb' 24.	100	92	95	95
		500		Sep-24	500 MVA T/F-II : Likely to be charged in Sept' 24. 500 MVA T/F-II was failed in the internal testing by M/s GE. It will be delivered in Jun-24. (This may please be shifted in FY 2024-25)					
2	Shamli S/s	400/220	500	Aug-23	Oct-24	500 MVA T/F-II : Likely to be charged in Oct. 24 as the allotted T/F diverted to 400kV Motiram Adda (Gorakhpur) and new T/F will be supplied in the month of Jul-24. (This may please be shifted in FY 2024-25)	100	99	95	90
3	Anandnagar (Gorakhpur] S/s (2x160)	220/132	320	Jul-23	Aug-24	COMMISSIONED				
4	Bhadohi S/s (T/F-I)	220/132	200	May-23	Sep-24	COMMISSIONED				
	Bhadohi S/s (T/F-II)		200	Sep-23	Dec-24	COMMISSIONED				
5	Dataganj S/s (2x160)	220/132	320	May-23	Aug-24	COMMISSIONED				
6	Khatauli S/s (T/F-II)	220/132	160	Jun-23	Sep-24	COMMISSIONED				
7	Kirawali S/s (2x100)	220/132	200	Jul-23	Oct-24	COMMISSIONED				
8	Mahrajganj S/s	220/132	160	May-23	Sep-24	COMMISSIONED				
9	Khorabar S/s	220/33	180	Nov-23	Feb-24	60 MVA T/F-I,II & III : Likely to be charged by Feb 2024.	100	93	97	92
10	Moth-II, Jhansi T/F-I	220/132	160	Jul-23		COMMISSIONED				
11	Morta S/s	220/33	180	Aug-23	Sep-24	COMMISSIONED				
12	Kanduni S/s T/F- I	220/132	200	Nov-23	-	T/F-I : Energised on 21.09.2023				
	Kanduni S/s T/F- II	220/132	200	Nov-23	Apr-24	200 MVA T/F-II: Repaired transformer will be available at site in Feb'24 and likely to be charged in Apr'24. (This may please be shifted in FY 2024-25)	100	93	97	92
13	Jalpura S/s (2x160)	220/132	320	Aug-23	Jan-24	160 MVA T/F-I & T/F-II : Energised on 30.01.2024				
14	Knowledge Park-5 S/s (2x160)	220/132	320	Aug-23	Feb-24	160 MVA T/F-I : Energised on 29.01.2024. 160 MVA T/F-II : Likely to be charged in Feb. 24.	100	91	90	82
15	YEIDA Sec-18 S/s	220/33	180	May-23	Dec-24	COMMISSIONED				
16	YEIDA Sec-24 S/s (T/F-I)	220/132	160	Dec-23		T/F-I :Energised on 06.01.2024.				
	YEIDA Sec-24 S/s (T/F-II)	220/132	160	Dec-23		160MVA T/F-II diverted due to fund not transferred to UPPTCL by YEIDA. (This may please be shifted in FY 2024-25)	100	77	85	73
17	Babina S/s, Jhansi (T/F II)	220/132	160	Apr-23		COMMISSIONED				
18	Sangipur S/s, Pratapgarh (T/F II)	220/132	160	May-23	Feb-24	T/F-II : Transformer diverted from 220kV Sahupuri received at site and likely to be energised in Feb' 24.	100	94	90	93
19	Kidwainagar S/s, Kanpur (T/F III)	220/33	60	Apr-23		COMMISSIONED				
20	Rasra S/s (T/F II)	400/220	500	Oct-23		COMMISSIONED				
21	Faridpur (Bareilly) (T/F II)	220/132	100	Apr-23	Jun-24	T/F-II : Leftover work of T/F-II will be carried out on debitale basis & T/F-II is expected to be charged in Jun'24. (This may please be shifted in FY 2024-25)	100	93	95	95
22	Farrukhabad S/s (T/F II)	220/132	160	Apr-23		COMMISSIONED				
23	Deoband (Saharanpur] S/s	220/132	320	May-23		COMMISSIONED				
24	Balrampur S/s (T/F II)	220/132	160	Sep-23		COMMISSIONED				
25	Modipuram-II (T/F II)	220/132	160	Sep-23		COMMISSIONED				
	TOTAL (UPPTCL)		6900							
	WEST BENGAL STATE ELECTRICITY TRANSMISSION CO. LIMITED (WBSETCL)									

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