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विद्युत् मंत्रालय Ministry of Power

केन्द्रीय विद्युत प्राधिकरण Central Electricity Authority

नई दिल्ली New Delhi

**Monthly progress Report of
Under Construction
Transmission Projects under
Regulated Tariff Mechanism (RTM) Route**

December, 2025

(Published in fulfilment of CEA's obligation under section 73(i) & (j) of the Electricity Act, 2003)

(Disclaimer: The information published in this report is for indicative purpose only and shall not be used as a ground to claim time & cost overrun. Further, in no way this information, as per article 5.8 (Remedial measures) of TSA, relieves the TSP of its obligations in the agreement.)

Summary of Under Construction Transmission Projects

(Regulated Tariff Mechanism Route*)

Transmission Utility	No. of Projects	Transmission Line (ckm)	Transformation Capacity (MVA)	Cost (Rs. Cr.)
PGCIL	75	2,567	75,440	49,322
Private TSPs	5	240	3,815	1,650
Total	80	2,807	79,255	50,973

Table: Overview of ISTS (RTM) projects under construction, detailing the total capacity of transmission lines (ckm) and transformation capacity (MVA) as of December, 2025.

*This report includes only those RTM projects which have a transmission line (ckm) or a substation (MVA) associated with them. Projects having only reconductoring/ bay extension have been excluded.

Monitoring Report of Under Construction RTM Projects

No. of Projects

80

	Name of the Transmission Project & Scope	Executing Agency	Length (CKM)	MVA	Cost (Rs. Cr)	Date of Transfer of SPV	Completion Target - Original	Completion Target - Anticipated	Total Locs. (no.)	TF-Added (Nos)	TE-CB (Nos)	Stringing-CB (ckm)	Civil works-CB (%)	Eqpt. Received-CB (%)	Eqpt. Erection -CB (%)	Remarks / Constraints & assistance required.
1	Evacuation of 4.5 GW RE injection at Khavda PS under Phase II- Part D	Torrent			800		Mar-25	Jan - 26								
	LILO of Pirana (PG) – Pirana (T) 400kV line at Ahmedabad S/s	Torrent	240				Mar-25	Jan - 26	174	174.00	161	160	0.00%	0.00%	0.00%	ROW (74 locs): Application submitted to DM Ahmedabad (July–Dec 2024); orders received March–May 2025. Police Protection: Requested for 43 RoW-affected locations on 17th March 2025. Orders were received for 33 locations on 12th June 2025, and for the remaining 10 locations on 14th August 2025. Out of 43 locations, 33 have been resolved. Police protection is still required for the remaining 09 locations completed and 01 Nos in Progress.
2	Augmentation of transformation capacity at Amargarh (GIS) S/s	Indigrd			82		Jan-25	Jan - 26								
	Augmentation of transformation capacity at Amargarh (GIS) S/s by 1x315MVA, 400/220 kV ICTs (3rd)	Indigrd		315			Jan-25	Jan - 26					98.00%	100.00%	95.00%	
3	Augmentation of transformation capacity at 765/400Kv Lakadia S/s (WRSS XXI(A) Transco Ltd.) in Gujarat-Part A (Bank 1&2)	Adani			177		Aug-25	Jan - 26								
	1x500 MVA, 400/220 kV ICT (Bank 1)	Adani		500			Aug-25	Jan - 26					100.00%	100.00%	0.00%	CEIG approval received and element ready for charging
	1x500 MVA, 400/220 kV ICT (Bank 2)	Adani		500			Aug-25	Jan - 26					100.00%	100.00%	0.00%	CEIG approval received and element ready for charging
4	Augmentation of 2x500 MVA, 400/230 kV transformation capacity (3rd & 4th ICTs) at Karur PS.	Adani			148		Sep-25	Sep - 26								
	2x500 MVA, 400/230 kV ICT (3rd & 4th)	Adani		1000			Sep-25	Sep - 26					25.00%	65.00%		Constraint in Transformer delivery
5	Augmentation of transformation Capacity at KP53 GIS S/s under Khavda phase-V, part B3	Adani			443		Nov-26	Nov - 26								
	765/400 kV ICT – 1 (1x1500 MVA) and associated bays	Adani		1500			Nov-26	Nov - 26					35.00%	40.00%		Engineering under Progress ICT & EPC ordering Completed Civil work under progress
6	TS for evacuation of Power from Rajasthan Phase-IV Part -I Bikaner Complex Part E	PGCIL			147	Apr-23	Dec-25	Feb - 26								
	1x1500MVA 765/400kV (4th) ICT at 765/400kV Bikaner SS	PGCIL					May-24	Aug - 25					100.00%	100.00%	100.00%	ICT Charged on 30.08.2025
	1x500MVA 400/220kV (3rd) ICT at Kotputli PG	PGCIL		500			Dec-25	Feb - 26					97.00%	62.00%	85.00%	ICT Supply constraint, ICT under Transit.
7	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase-III Part J	PGCIL			331	Dec-22	Jan-26	Jul - 26								
	765/400kV, 1x1500MVA Transformer (3rd) at Bikaner (PG)	PGCIL					Dec-23	Apr - 23					100.00%	100.00%	100.00%	Charged on 27.04.23
	400/220kV, 1x500MVA Transformer (11th) at Fatehgarh-2 PS	PGCIL		500			Jan-26	Jul - 26					5.00%	0.00%	0.00%	Engg Under progress
	765/400kV, 1x1500MVA Transformer (5th) at Bhadla-2 PS	PGCIL		1500			Mar-26	Apr - 26					40.00%	15.00%	0.00%	Engg Under progress
	1x1500 MVA ICT (3rd), 765/400kV ICT at Jhatikara Substation (Bamnoli/Dwarka section) (Bays associated with X-mer)	PGCIL		1500			Aug-25	Mar - 26					60.00%	70.00%	15.00%	Work under progress
8	Augmentation of 765/400 kV, 1500MVA transformer (4th) at Bhiwani S/s (De-linked from Transmission System for evacuation of Power from RE parks in Leh (5 GW Leh-Kaithal Transmission Corridor))	PGCIL			141	Feb-24	May-25	Mar - 26								
	AUGMT 1500MVA 765KV ICT-4+BAYS @BHIWANI	PGCIL		1500			May-25	Mar - 26					95.00%	90.00%	55.00%	Work under progress
9	Transmission system for evacuation of Power from REZ in Rajasthan (20 GW) under phase-III Part-D – Phase-II	PGCIL			284	Oct-24	Feb-26	Dec - 26								
	400KV JHATIKARA-DWARKA D/C LINE (QUAD)	PGCIL	36				Feb-26	Dec - 26	69							Forest, Delhi (22.0887 ha): Proposal submitted on 03.11.25. Proposal recommended in PSC I meeting on 12.12.25. MoM issued on 15.12.25. Proposal forwarded to DFO for Part II on 15.12.25. Route alignment proposal submitted to Technical Committee, DDA for approval on 26.07.24, approval received on 28.10.25. Proposal submitted on 03.11.25. PSC-I held on 11.11.25 and DFL land has been asked. Letter for the same submitted to NO on 11.11.25. DFL land identified in DCF (South) forest division on 20.11.25.
	02 Nos. of 400 KV Line bay at Jhatikara	PGCIL					Feb-26	Dec - 26								Engg Under progress, Work Affected by GRAP-IV
	02 Nos. of 400 KV Line bay at Dwarka	PGCIL					Feb-26	Dec - 26								Engg Under progress, Work Affected by GRAP-IV

10	Transmission System for Evacuation of Power from REZ in Rajasthan (20GW) under Phase III-Part E2	PGCIL			428	Nov-23	Jun-25	Mar - 26								
	400/220KV, 2X500 MVA ICT -1 & 2 at Fatehgarh-III 765/400 KV, 3X1500 MVA ICT-1,2 &3 at Fatehgarh-III	PGCIL		5500			Jun-25	Mar - 26					91.00%	85.00%	70.00%	Work under progress
11	Augmentation of Transformation Capacity at 400/220KV Allahabad (PG) substation by 400/220 KV, 1x500 MVA (4th) ICT	PGCIL			58	Nov-23	Feb-25	Feb - 26								
	Augmentation of Transformation Capacity at 400/220KV Allahabad (PG) substation by 400/220 KV, 1x500 MVA (4th) ICT	PGCIL		500			Feb-25	Feb - 26					85.00%	98.00%	60.00%	Work under progress
12	Augmentation of Transformation Capacity at 400/220KV kankroli (PG) S/S in Rajasthan by 400/220KV 1x500MVA ICT (4th)	PGCIL			53	May-24	Sep-25	Apr - 26								
	500MVA, 400/220 KV ICT Bay for existing 50MVAR Bus Reactor	PGCIL		500			Sep-25	Apr - 26					10.00%	20.00%		Work Under Progress
13	Augmentation of Transformation Capacity at 400/220kV New Wanpoh (PG) S/s in Jammu & Kashmir by 400/220kV, 1x315MVA (3x105MVA) ICT (3rd)	PGCIL			54	Jul-24	Dec-25	Jun - 27								
	315 MVA, 400/220 KV ICT (3x105 MVA Single Units)	PGCIL		315			Dec-25	Jun - 27					2.00%			As per CTU OM Amendment Dated 03.09.2025 Schedule completion of the project revised to Jun'27 from Dec'25.
14	Augmentation of Transformation Capacity at 400/220kV Bassi (PG) S/s in Rajasthan by 400/220kV,1x500 MVA ICT (4th)	PGCIL			52	Aug-24	Dec-25	Jun - 26								
	1x500 MVA, 400/220 KV ICT	PGCIL		500			Dec-25	Jun - 26					75.00%	10.00%		Work Under Progress
15	Augmentation of Transformation Capacity at 400/220kV Malerkotla (PG) S/s in Punjab by 400/220kV, 1x500MVA ICT (4th)	PGCIL			82	Sep-24	Mar-26	Sep - 26								
	400/220kV, 1x500MVA ICT (4th) at Malerkotla (PG) S/s in Punjab	PGCIL		500			Mar-26	Sep - 26					80.00%	30.00%		Work Under Progress
16	Augmentation of Transformation Capacity at 765/400/220kV Bikaner PS in Rajasthan by 400/220kV, 1x500MVA ICT (4th)	PGCIL			54	Nov-24	Jan-26	Jul - 26								
	Augmentation of Transformation Capacity at 765/400/220kV Bikaner PS in Rajasthan by 400/220kV, 1x500MVA ICT (4th)	PGCIL		500			Jan-26	Jul - 26					10.00%			Work Under Progress
17	Augmentation of Transformation Capacity at 400/220 KV Bhiwadi (PG) S/s in Rajasthan by 400/220 KV ,1x500 MVA ICT(4th)	PGCIL			62	Dec-24	Jan-26	Jul - 26								
	Augmentation of Transformation Capacity at 400/220 KV Bhiwadi (PG) S/s in Rajasthan by 400/220 KV ,1x500 MVA ICT(4th)	PGCIL		500			Jan-26	Jul - 26					15.00%			Work Under Progress
18	Augmentation of transformation capacity at 400/220 kV Bhadla-II PS (section-1) in Rajasthan by 1x500 MVA, 400/220kV ICT (6th) to cater to the N-1 contingency requirements	PGCIL			57	Jan-25	Mar-26	Jul - 26								
	Augmentation of transformation capacity at Bhadla-II PS (Section-1) by 1x500 MVA, 400/220KV ICT (6th) along with associated bays.	PGCIL		500			Mar-26	Jul - 26					20.00%	5.00%		Work Under Progress
19	Augmentation of transformation capacity at 400/220kV Hisar (PG) Substation in Haryana by 1x500 MVA, 400/220kV ICT (4th)	PGCIL			51	Jan-25	Mar-26	Jul - 26								
	Augmentation of 400/220KV, 1x500MVA (4th) ICT at Hisar (PG) S/S along with associated transformer bays	PGCIL		500			Mar-26	Jul - 26					8.00%	5.00%		Work Under Progress
20	Augmentation of Transformation capacity at 400/220KV fatehgarh III PS (Section-1) by 400/220KV, 1x500MVA ICT (5th)	PGCIL			43	May-24	Apr-25	Mar - 26								
	Augmentation of Transformation capacity at 400/220KV Fatehgarh III PS (Section-1) by 400/220KV, 1x500MVA ICT (5th)	PGCIL		500			Apr-25	Mar - 26					75.00%	80.00%	0.00%	Work Under Progress
21	Augmentation of transformation Capacity at 400/220KV Bikaner-II PS in Rajasthan by 400/220KV, 1x500MVA ICT (9th) by PBTSL	PGCIL			52	Jan-25	Jan-26	Oct - 26								
	400/220KV, 1x500MVA ICT (9th) at Bikaner-II	PGCIL		500			Jan-26	Oct - 26					3.00%			Work Under Progress
22	Transmission sysytem strengthening to facilitate evacuation of power from Bhadla/Bikaner Complex	PGCIL			213	May-25	Jun-26	Aug - 26								
	400 kV Bareilly (765/400 kV) – Bareilly (PG) D/c line (Quad) (2nd)	PGCIL		8			Jun-26	Aug - 26								Forest , Uttar Pradesh (0.0672 Ha): Stage-I Awaited
	Augmentation with 1x1500 MVA, 765/400 kV ICT (3rd) at Bareilly (765/400 kV) S/s	PGCIL		1500			Jun-26	Aug - 26								Enggg Work Under Progress
23	Augmentation of transformation capacity at 765/400/220kV Bikaner-III PS in Rajasthan by 1x500 MVA, 400/220kV ICT (6th)	PGCIL			50	Aug-25	Jul-26	Dec - 26								

	1x500 MVA, 400/220kV ICT (6th) along with associated bays	PGCIL		500			Jul-26	Dec - 26									Enggg Work Under Progress
24	Augmentation of transformation capacity at 400/220kV Bikaner-II PS in Rajasthan by 1x500 MVA, 400/220kV ICT (10th)	PGCIL			51	Aug-25	Jul-26	Dec - 26									
	500 MVA, 400/220 kV ICT1 no. (10th)	PGCIL		500			Jul-26	Dec - 26									Enggg Work Under Progress
25	Augmentation of transformation capacity at 765/400/220kV Agra (PG) S/s in Uttar Pradesh by 1x500 MVA, 400/220kV ICT (3rd)	PGCIL			72	May-25	Oct-26	Dec - 26									
	• 500 MVA, 400/220 kV ICT- 1 no. (3rd)	PGCIL		500			Oct-26	Dec - 26									Under Tendering
26	Augmentation of transformation capacity at 400/220kV Mandola (PG) S/s in Uttar Pradesh by 1x500 MVA, 400/220kV ICT (5th)	PGCIL			62	Apr-25	Jul-26	Dec - 26									
	• 500 MVA, 400/220 kV ICT- 1 no. (5th)	PGCIL		500			Jul-26	Dec - 26									Under Tendering
27	Augmentation of transformation capacity at 765/400/220kV Bhadla-II PS in Rajasthan by 1x500 MVA, 400/220kV ICT (4th) to cater the N-1 contingency requirement	PGCIL			56	May-25	Jul-26	Dec - 26									
	500 MVA, 400/220 kV ICT1 no. (4th)	PGCIL		500			Jul-26	Dec - 26									Under Tendering
28	Augmentation of transformation capacity at 400/220kV Samba (PG) S/s in Jammu & Kashmir by 1x500 MVA, 400/220kV ICT (4th)	PGCIL			58	May-25	Apr-26	Jun - 26									
	500 MVA, 400/220 kV ICT1 no. (4th)	PGCIL		500			Apr-26	Jun - 26									Enggg Work Under Progress
29	Transmission System for evacuation of RE power from Renewable Energy parks in Leh (5 GW Leh-Kaithal Transmission Corridor)	PGCIL			20,774		Mar-31	Mar - 31									PROJECT UNDER DISCUSSION IN NCT
	400 kV PS-1 (Pang) - Pang D/C (quad moose) line	PGCIL	14				Mar-31	Mar - 31									
	400 kV PS-2 (Pang) - Pang D/C (quad moose) line	PGCIL	54				Mar-31	Mar - 31									
	400 kV PS-3 (Pang) - Pang D/C (quad moose) line	PGCIL	82				Mar-31	Mar - 31									
	220 kV Pang – Leh (Phyang) S/C line	PGCIL	158				Mar-31	Mar - 31									
	±350 kV HVDC line between Pang & Kaithal PS	PGCIL	960				Mar-31	Mar - 31									
	± 350kV 5000MW VSC HVDC terminal each at Pang(Leh) and Kaithal (Haryana)	PGCIL		5000			Mar-31	Mar - 31									
	02 Nos. of 400/200/33KV, 315 MVA Transformers along with associated bays at Pang	PGCIL		630			Mar-31	Mar - 31									
	03 Nos. of 765/400/33KV, 1500 MVA Transformers along with associated bays at kaithal	PGCIL		4500			Mar-31	Mar - 31									
30	Augmentation of transformation capacity at 400/220kV Maharani Bagh (PG) S/s (GIS) in Delhi by 1x500 MVA, 400/220kV ICT (5th)	PGCIL			78		May-27	May - 27									
	500 MVA, 400/220 kV ICT– 1 No at MaharaniBagh	PGCIL		500			May-27	May - 27									Under Tendering
31	Augmentation of 2x500 A (7th & 8th), 400/220 kV ICTs along with 220 Kv Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at Bikaner-IV PS	PGCIL			123		Feb-27	Feb - 27									
	Augmentation of 400/220 kV, 2x500 MVA (7th & 8th) ICTs at Bikaner-IV PS along with associated transformer bays	PGCIL		500			Feb-27	Feb - 27									Under Tendering
	220 kV Sectionalizer bay (1 set), 220 kV BC (1 no.) bay and 220 kV TBC (1 no.) bay at BikanerIV PS	PGCIL					Feb-27	Feb - 27									Under Tendering
32	Augmentation of Transformation capacity at 400/220kV Jaipur South (PG) S/s in Rajasthan by 1x500MVA ,400/220kV ICT (3rd)	PGCIL			49	Aug-25	Feb-27	Feb - 27									
	500 MVA, 400/220 kV ICT1 no (3rd)	PGCIL		500			Feb-27	Feb - 27									Under tendering
33	Augmentation of transformation capacity at 400/220kV Neemrana (PG) in Rajasthan by 1x500 MVA, 400/220kV ICT (3rd)	PGCIL			49	Aug-25	Feb-27	Feb - 27									
	500 MVA, 400/220 kV ICT1 no (3rd)	PGCIL		500			Feb-27	Feb - 27									Under tendering
34	Augmentation of transformation capacity at 400/220kV Lucknow (PG) S/s in Uttar Pradesh	PGCIL			49	Jul-25	May-27	May - 27									
	500 MVA, 400/220 kV ICT1 no (3rd)	PGCIL		500			May-27	May - 27									Under tendering
35	Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) – Part-A & Part-B	PGCIL			3,547	Mar-23	Nov-24	Mar - 26									
	765kV D/C Kurnool III (PS) - Kurnool (New) line	PGCIL					Nov-24	Mar - 25	299	299.00	299	226					Charged on 31.03.2025
	765kV D/C Kurnool III (PS) - Maheshwaram (PG) line	PGCIL	504				Nov-24	Mar - 26	676	675.00	670	437					Foundation RoW (3 locs.): Ranga reddy (2), Nagar Kurnool (1) in Telangana. Forest: Telangana (26.993 Hac., 8 loc ,8.04 Ckm). Stage-II received on 02.09.2025

	Establishment of 765/400/220 kV Kurnool-III (New) 3x1500MVA 765/400kV ICT 9x500MVA 400/220kV ICT 2 no. 765kV Line bays for Kurnool III- Kurnool (New) line 2 no. 765kV Line bays alongwith 240MVA Line Reactor on each ckt for Kurnool-III- Maheshwaram Line 15no. 220kV Line bays, 1x330MVA 765kV Bus Reactor	PGCIL		1000		Nov-24	Mar - 26					98.00%	98.00%	98.00%	6x500 MVA 400/220KV ICT-1 to 4, 6 & 7 Charged in Mar'25. 1x500 MVA 400/220KV ICT-5 Charged in Oct'25. 3x1500 MVA 765/400 KV ICT-1 to 3 Charged in Mar'25. Major work commissioned in Mar'25/ Apr'25. 1x500 MVA 400/220KV ICT-5 Charged on 30.10.2025.
	Ext. at Maheshwaram (PG) SS 2no. 765kV Line bays alongwith 240MVA Line Reactor on each ckt for Kurnool-III- Maheshwaram Line	PGCIL				Nov-24	Mar - 26					100.00%	100.00%	100.00%	Charged in Sep'25. Commissioning matching with line.
	Ext. at Kurnool (New) SS 2no. 765kV Line bays for Kurnool III- Kurnool (New) line	PGCIL				Nov-24	Mar - 25					100.00%	100.00%	100.00%	Charged on 19.10.2024. commissioned with line in Mar'25.
36	Augmentation of Transformation Capacity by 1X1500 MVA (3rd) , 765/400 KV ICT at Maheswaram (PG) Substation in Telangana	PGCIL		143	Nov-23	Apr-25	Feb - 26								
	Augmentation of Transformation Capacity by 1X1500 MVA (3rd) , 765/400 KV ICT at Maheswaram (PG)	PGCIL		1500		Apr-25	Feb - 26					100.00%	100.00%	95.00%	Work under progress.
37	Augmentation of 1x1500 MVA (3rd), 765/400 kV transformation capacity at Kurnool New Substation	PGCIL		164	Jun-24	Sep-25	Mar - 26								
	765/400KV 1500MVA ICT (3rd) -1 No. (4x500 MVA units including one spare unit)	PGCIL		1500		Sep-25	Mar - 26					90.00%	90.00%	50.00%	Work under progress.
38	Augmentation of transformation capacity by 2x500 MVA (9th & 10th), 400/220 kV ICTs at Tumkur (Pavagada) 400/220 kV Pooling Station in Karnataka and Implementation of 1 Nos. of 220 kV line bay at Tumkur (Pavagada) 400/220 kV PS for providing Connectivity to RE generation project	PGCIL		123	Mar-25	May-26	May - 26								
	Augmentation of Transformation Capacity by 2x500MVA (9th & 10th), 400/220kV ICTs at Tumkur (Pavagada) 400/220 kV Pooling Station in Karnataka	PGCIL		1000		May-26	May - 26					15.00%	10.00%		Work under progress.
	Implementation of 01 No. 220KV line Bay at Tumkur (Pavagada) 400/220KV PS for providing connectivity to RE Generation Project (M/s TEQ Green Power XVIII Pvt. Ltd.)	PGCIL				May-26	May - 26					5.00%	2.00%		Work under progress.
39	Augmentation of Transformation capacity at 400/230KV tuticorin-II GIS PS in Tamil nadu by 500 MVA, 400/230KV ICT (6th) to meet N-1 reliability of RE Pooling Station	PGCIL		65	Jun-24	Dec-25	Jun - 26								
	500MVA, 400/230KV ICT (6th) at Tuticorin-II GIS	PGCIL		500		Dec-25	Jun - 26					25.00%	20.00%		Work under progress.
40	Augmentation of Transformation Capacity at 400/220KV NP Kunta PS in Andhra Pradesh by 1x500MVA, 400/220KV Ict (5th) and Implementation of common facility works for providing connectivity to RE generation Projects.	PGCIL		53	Jun-24	Sep-25	Jun - 26								
	PART A: 400/220KV ICT (1X500MVA)	PGCIL		500		Sep-25	Jun - 26					30.00%	5.00%		Work under progress.
	PART B: Implementation of common facility works at NP Kunta for providing connectivity to RE generation Projects.	PGCIL				Mar-25	Jun - 26					30.00%	5.00%		Work under progress.
	220KV Bus Works for 06 nos. of Bays-1 set	PGCIL													
41	Augmentation of transformation capacity by 2x500MVA (7th & 8th), 400/220kV ICTs at Tumkur (Pavagada) 400/220kV Pooling Station	PGCIL		91	Apr-24	Nov-25	Jun - 26								
	1x500MVA (7th), 400/220kV ICTs at Tumkur (Pavagada)	PGCIL		500		Aug-25	Mar - 26					30.00%	40.00%		Work under progress.
	1x500MVA (8th), 400/220kV ICTs at Tumkur (Pavagada)	PGCIL		500		Nov-25	Jun - 26					20.00%	15.00%		Time frame has been revised from 18 Months to 21 Months vide CTU OM Dated 18.09.2024
42	Augmentation of Transformation Capacity at 400/220KV Yelahanka (GIS) S/s in Karnataka by 400/220KV, 1x500MVA ICT (3rd)	PGCIL		58	Feb-25	Jul-26	Jul - 26								
	Augmentation of Transformation Capacity at 400/220KV Yelahanka (GIS) S/s in Karnataka by 400/220KV, 1x500MVA ICT (3rd)	PGCIL		500		Jul-26	Jul - 26								Under award.
43	Transmission System for Offshore wind farm in Tamil Nadu (500 MW VGF)	PGCIL		6,242		Mar-30	Mar - 30								As per advice of MoP, POWERGRID is requested not to move forward with implementation of two Off Shore WindTransmission Projects

	Establishment of 2x500 MVA, 400/230 kV Onshore Pooling Station near Avaraikulam, Tirunelveli District in Tamil Nadu with provision of expansion upto 5 GW	PGCIL		1000		Mar-30	Mar - 30									
	Avaraikulam Onshore PS – Tuticorin PS 400 kV D/c quad line	PGCIL				Mar-30	Mar - 30									
	300 MVAr STATCOM along with 2x125 MVAr MSR	PGCIL				Mar-30	Mar - 30									
	Establishment of 2x315 MVA, 230/66kV Off-Shore Substation-1 with 10 nos. of 66kV line bays for RE integration	PGCIL		630		Mar-30	Mar - 30									
	Offshore substation 1 (OSS-1) – Avaraikulam Onshore PS 2 nos. 230kV (atleast 300 MVA capacity) Submarine cables (~35 - 40 km) with 2x50MVAr switchable line reactors at OSS-1 end	PGCIL				Mar-30	Mar - 30									
44	Augmentation of 1x500 MVA, 400/230 kV ICT (7th) at Tuticorin-II GIS Sub Station	PGCIL		102		Mar-27	Mar - 27									
	Augmentation of 1x500MVA, 400/230 KV ICT (7th) at Tuticorin-II GIS	PGCIL		500		Mar-27	Mar - 27						0.00%			Tendering under progress
	01 No. of 230 KV Line Bay for termination of Dedicated Transmission Line of M/s NCL Industries Ltd.	PGCIL				Mar-27	Mar - 27						0.00%			Tendering under progress
45	Augmentation of transformation capacity at 400/220kV Bidadi (GIS) S/s in Karnataka by 1x500 MVA, 400/220kV ICT (3rd)	PGCIL		68	May-25	Jul-26	Dec - 26									
	500MVA, 400/220kV ICT – 1no.	PGCIL		500		Jul-26	Dec - 26						0.00%			Tendering under progress
46	Augmentation of Transformation capacity at 400/220kV Nagarjunasagar S/s in Andhra Pradesh by 1x500MVA, 400/220kV ICT (4th)	PGCIL		58		May-27	May - 27									
	500MVA, 400/220kV ICT – 1no.	PGCIL		500		May-27	May - 27						0.00%			Tendering under progress
47	Augmentation of transformation capacity at 400/220kV Kozhikode S/s in Kerala by 500 MVA 400/220kV ICT (4th)	PGCIL		53		Feb-27	Feb - 27									
	1x500 MVA, 400/220kV ICT (4th)	PGCIL		500		Feb-27	Feb - 27						0.00%			Tendering under progress
48	Augmentation of transformation capacity at 400/220kV Trivandrum S/s in Kerala by 500 MVA 400/220kV ICT (4th)	PGCIL		53	Aug-25	Feb-27	Feb - 27									
	1x500 MVA, 400/220kV ICT (4th)	PGCIL		500		Feb-27	Feb - 27						0.00%			Tendering under progress
49	Augmentation / replacement of existing 400/230kV, 315 MVA ICT-2 with 400/230kV, 500 MVA ICT at Udumalpet 400/230kV S/s	PGCIL		53	Aug-25	Feb-27	Feb - 27									
	Augmentation / replacement of existing 400/230kV, 315 MVA ICT-2 with 400/230kV, 500 MVA ICT at Udumalpet 400/230kV S/s	PGCIL		185		Feb-27	Feb - 27						0.00%			Tendering under progress
50	Transmission Network Expansion in Gujarat to increase its ATC from ISTS Part B	PGCIL		4,546	Jul-22	Jun-23	Mar - 26									
	400 kV D/C (Twin HTLS) Navasari (New) (South Gujarat)-Magarwada line	PGCIL				Jun-23	Dec - 25		271.00	271	192					Foundation RoW (8 locs): Daman (8) Navsari-Magarwada TL Ckt-I & Ckt-II charged on 04.03.25 & 05.03.25 respectively. Navsari-Kala TL Ckt-I & Ckt-II antitheft charged at rated Voltage (174 Ckm) on 26.03.25 & 27.03.25 respectively.
	400 kV D/C (Twin HTLS) Navasari (New) (South Gujarat)-- Kala line (M/C portion upto Magarwada alongwith Navsari-Magarwada Line) (Tower locations also include towers of Navsari-Magarwada Line)	PGCIL	284			Jun-23	Mar - 26	308	294.00	271	266.816					Forest (24.62 Ha) in Maharashtra: Stage-I received on 30.08.2024. Working permission Received on 25.11.2024. Stage-II received on 07.01.2025
	Navsari(New) (South Gujarat) (GIS) – Padghe (GIS) 765 kV D/c line	PGCIL	452			Jun-23	Mar - 26	616	616.00	539	178.94					Forest (305.476 Ha) in Maharashtra: Forest proposal re-submitted on 23.11.2023. Stage -I received on 30.08.2024. Working permission received on 11.10.2024. Stage-II received on 07.01.2025.
	Establishment of 765/400/220 kV Navsari (new) (South Gujarat) S/s (GIS) (2x1500MVA 765/400kV ICT & 3x500MVA 400/220kV ICT)	PGCIL		500		Jun-23	Mar - 26					99.00%	100.00%	99.00%		2x500MVA 400/220kV ICTs, 1x125MVAr 400kV Bus Reactor charged in Mar'25. 2x1500 MVA 765/400kV ICTs charged in Apr'25. Balance work under progress.
	Ext at 765/400kV Padghe (GIS) PG SS (1x1500MVA 765/400kV ICT)	PGCIL		1500		Jun-23	Mar - 26					100.00%	100.00%	100.00%		ICT charged on 30.06.24. Line bay shall be charged along with line.
51	ICT Augmentation at Navsari (New) associated with integration of additional 7 GW RE Power from Khavda RE park under Phase III	PGCIL		109	Jun-23	Oct-25	Jun - 26									
	765/400 KV Navsari (New) S/S Extension Augmentation of Transformation capacity at Navsari (New) 765/400 KV S/S by 1x1500 MVA (ICT-IV)	PGCIL		1500		Oct-25	Jun - 26					80.00%	60.00%	20.00%		Work under progress.
52	Western Region Expansion Scheme XXXIII Part A (WRES-XXXIII Part A)	PGCIL			115	Jun-23	Dec-25	Mar - 26								
	Creation of 220KV level at 765/400 KV Jabalpur PS 400/220 KV, 500 MVA ICT-02 Nos.	PGCIL		1000		Dec-25	Mar - 26					75.00%	60.00%	30.00%		Work under progress.

	220KV Line Bay 04 Nos. for LILO of Narsinghpur-Jabalpur (MP) 220KV D/c Line at Jabalpur PS	PGCIL				Dec-25	Mar - 26						75.00%	70.00%	30.00%	Work under progress.
53	Transmission System for Evacuation of power from Potential RE Zone in Khavda Area of Gujarat under phase IV (7GW)-Part E4	PGCIL		224	Nov-23	Jul-25	Mar - 26									
	Augmentation of Transformation Capacity at padghe (PG) (GIS) by 1x1500MVA, 765/400 KV ICT (4th) along with Extension of 765KV Padghe (GIS) Substation	PGCIL		1500		Jul-25	Mar - 26						75.00%	90.00%	10.00%	Work under progress.
54	Augmentation of Transformation Capacity at 765/400 kV Indore S/s in Madhya Pradesh	PGCIL		118	Jun-24	Jun-25	Jan - 26									
	ICT (1x1500 MVA (3rd) augmentation at 765/400KV Indore S/S (terminated on 400KV Bus Section A with Indore & Khandwa 400KV D/C Lines)	PGCIL		1500		Jun-25	Jan - 26						100.00%	100.00%	98.00%	Work under progress.
55	Transmission System for Evacuation of Power from potential Renewable Energy zone in Khavda Area of Gujarat under Phase IV (7 GW):	PGCIL		334	Jan-24	Jul-25	Mar - 26									
	1X1500MVA 765/400KV ICT-4 AT KPS3 (GIS)	PGCIL		1500		Jul-25	Mar - 26						80.00%	90.00%	75.00%	Work under progress.
56	Transmission Network Expansion in Gujarat associated with integration of RE projects from Khavda potential RE Zone	PGCIL		88	Nov-22	Jan-25	Mar - 26									
	Augmentation of Transformation Capacity at Navsari (New) (South Gujarat) 765/400KV GIS Substation by 765/400KV, 1x1500 MVA ICT (3rd) along with its associated bays.	PGCIL		1500		Jan-25	Mar - 26						100.00%	95.00%	85.00%	Work under progress.
57	Western Region Expansion Scheme XXXIII Part D (WRES-XXXIII Part D)	PGCIL		61	Apr-23	Dec-25	Mar - 26									
	Installation of 1x500MVA (4th) 400/220kV ICT at Satna (PG) SS along with associated bays and 2 no. 220kV Line Bays for LILO of 220kV Satna-Maihar line at Satna (PG)	PGCIL		500		Dec-25	Mar - 26						90.00%	85.00%	80.00%	Work under progress.
58	Augmentation of Transformation Capacity at 400/220 KV Magarwada GIS substation in DD & DNH by 400/220KV , 1x500 MVA ICT (3rd)	PGCIL		56	Jan-24	Jul-25	Sep - 26									
	1X500 MVA ICT(3RD) AT MAGARWADA	PGCIL		500		Jul-25	Sep - 26									under Award
59	Augmentation of Transformation Capacity at 400/220 KV Bhachau Substation in Gujarat by 400/220 KV, 1x1500 MVA ICT (3rd)	PGCIL		41	Jan-24	Apr-25	Feb - 26									
	AUGMT. OF 1X500 MVA ICT(3RD) AT BHACHAU WITH ASSOCIATED BAYS.	PGCIL		500		Apr-25	Feb - 26						100.00%	90.00%	65.00%	Work under progress.
60	Augmentation of Transformation Capacity at 400/220KV Rajgarh (PG) S/S in MP by 400/220KV, 1x500 MVA ICT (3rd)	PGCIL		70	Jun-24	Dec-26	Dec - 26									
	Part A: Augmentation of Transformation Capacity at 400/220KV Rajgarh S/S 400/220 KV ICT (1x500 MVA)- 01 No.	PGCIL		500		Nov-25	Jun - 26						60.00%	40.00%		Work under progress.
	Part B: Implementation of 220KV GIS Line Bay at Rajgarh 400/220KV (PG) S/S for RE Interconnection	PGCIL				Dec-26	Dec - 26						60.00%	40.00%		Work under progress.
61	Augmentation of Transformation Capacity at 400/220KV Bhuj PS in Gujarat by 1x500 MVA, 400/220KV ICT (9th)	PGCIL		52	Mar-24	Jul-25	Jan - 26									
	1x500 MVA, 400/220KV ICT (9th) at Bhuj	PGCIL		500		Jul-25	Jan - 26						100.00%	100.00%	65.00%	Work under progress.
62	Augmentation of Transformation capacity at 400/220 KV Boisar Substation in Maharashtra by 400/220 kV, 1x500 MVA (5th) ICT	PGCIL		41	Jun-24	Sep-25	Feb - 26									
	400/220KV, 1x500 MVA (5th) ICT at 400/220 KV Boisar Substation	PGCIL		500		Sep-25	Feb - 26						45.00%	15.00%	0.00%	Work under progress.
63	Augmentation of Transformation Capacity at 765/400/220kV Vadodara (GIS) S/s in Gujarat by 400/220kV, 1x500MVA ICT (3rd)	PGCIL		72	Oct-24	Mar-26	Sep - 26									
	Augmentation of Transformation Capacity at 765/400/220kV Vadodara (GIS) S/s in Gujarat by 400/220kV, 1x500MVA ICT (3rd)	PGCIL		500		Mar-26	Sep - 26									Under Tendering
64	Augmentation of Transformation Capacity at 400/220KV Rajgarh (PG) S/s in MP by 400/220KV 500MVA ICT (4th)	PGCIL		64	Feb-25	Dec-26	Dec - 26									
	Augmentation of Transformation Capacity at 400/220KV Rajgarh (PG) S/s in MP by 400/220KV 500MVA ICT (4th)	PGCIL		500		Dec-26	Dec - 26									Under Tendering
65	Transmission scheme for Offshore Wind Zone Phase-1 (500 MW VGF off coast of Gujarat for Subzone B3)	PGCIL		6,900		Mar-29	Mar - 29									As per advice of MoP, POWERGRID is requested not to move forward with implementation of two Off Shore WindTransmission Projects

	Establishment of 2x500 MVA, 400/220 kV Mahuva Onshore Pooling Station (GIS) (Mahuva PS) alongwith 1x125 MVAR, 420 kV bus reactor (with space provision for upgradation to 765 kV level to cater to future Offshore Wind Projects adjacent to B3, B4, B5 pockets in future)	PGCIL		1000			Mar-29	Mar - 29									
	Creation of 400kV switchyard along with Installation of 2x1500 MVA, 765/400 kV ICTs at Vataman (AIS) with 2x125 MVAR (420 kV) Bus Reactors	PGCIL		3000			Feb-26	Sep - 26									
	2 nos. 400kV bays at Vataman for termination of Mahuva Onshore PS (GIS) – Vataman 400 kV D/c line	PGCIL					Mar-29	Mar - 29									
	Mahuva Onshore PS (GIS) – Vataman 400 kV D/c line (Quad ACSR/AAAC/AL59 moose equivalent) with 63MVAR & 50 MVAR, 420 kV switchable line reactors on each ckt at Mahuva & Vataman ends respectively.	PGCIL					Mar-29	Mar - 29									
	± 300 MVAR STATCOM at 220 kV level of Mahuva PS (GIS) with 1 No. of 220 kV bay	PGCIL					Mar-29	Mar - 29									
	Establishment of 2x315 MVA, 220/66 kV Gujarat Offshore B3 Sub-Station Station-1 (B3-OSS-1) with 66 kV line bays – 10 Nos. for RE Interconnection	PGCIL		630			Mar-29	Mar - 29									
	B3-OSS-1 – Mahuva Onshore PS (GIS) 220 kV two nos. (3 core) cables (45 km under sea cable of about 35 km & under ground cable of about 10 km) alongwith associated line bays at both ends (with capacity of 300 MVA/ckt at nominal voltage) with 1x50 MVAR switchable line reactors at B3-OSS-1 end on each cable	PGCIL					Mar-29	Mar - 29									
66	Provision of ICT Augmentation & Bus Reactor at Bhuj-II PS	PGCIL			582	Sep-25	Dec-26	Mar - 27									
	3x500 MVA, 400/220 KV ICT (7th, 8th & 9th)	PGCIL		1500			Dec-26	Mar - 27									Engg under progress
	1x1500 MVA, 765/400 KV ICT (4th)	PGCIL		1500			Dec-26	Mar - 27									Engg under progress
	Installation of 1x330MVAR 765KV Bus Reactor (2nd) along with associated bay	PGCIL					Dec-26	Mar - 27									Engg under progress
	01 No. of 220KV line Bay for Aditya Birla Renewables Subsidiary limited (ABRSL) (362MW) 01 No. of 220KV line Bay for ACME Cleantech Solutions Pvt Ltd. (ACSPL) (350 MW) 01 No. of 220KV line Bay for ACME Cleantech Solutions Pvt Ltd. (ACSPL) (50 MW) 01 No. of 220KV line Bay for Avaada Energy Pvt Ltd. (AEPL) (100 MW) 01 No. of 220KV line Bay for Adani Green Energy Thirty-Two Ltd. (AGE32L) (260.5 MW) 01 No. of 220KV line Bay for Adani Renewable Energy Eight Ltd. (ARE8L) (115 MW)	PGCIL					Dec-26	Mar - 27									Engg under progress
67	Augmentation of Transformation Capacity at Bhuj-II PS (GIS)	PGCIL			428	Aug-25	Nov-26	Mar - 27									
	2x500 MVA, 400/220 KV ICT (5th & 6th) 1x1500 MVA, 765/400KV ICR (3rd)	PGCIL		2500			Nov-26	Mar - 27									Engg under progress
	220KV GIS Line Bay at Bhuj-II PS for ABREL (RJ) Projects Limited	PGCIL					Nov-26	Mar - 27									Engg under progress
68	Transmission scheme for providing connectivity to REGS at Bhuj PS:	PGCIL			93	May-25	Oct-26	Mar - 27									
	Augmentation of transformation capacity at 400/220kV Bhuj PS in Gujarat by 1x500 MVA, 400/220kV ICT (10th) along with associated transformer bays	PGCIL		500			Oct-26	Mar - 27									Engg under progress
	220kV Bays (Hybrid/MTS) – 2 Nos. at Bhuj PS for Interconnection of 600MW REGS of Indianoil NTPC Green Energy Pvt. Ltd. (INGEPL)	PGCIL					Oct-26	Mar - 27									Engg under progress
69	ERES-XXXVII	PGCIL			120	Sep-23	May-25	Apr - 26									
	Augmentation at 400/220KV lakhisarai (POWERGRID) S/s by 2x500 MVA ICT alongwith 400KV ICT Bay: 02 Nos & Creation of 220KV level in GIS at lakhisarai (POWERGRID) 400/132KV S/s incl. 220KV GIS line bay= 02 No., 220KV GIS Bus Coupler bay= 01 No., 220KV GIS ICT Bay= 02 No.	PGCIL		1000			May-25	Apr - 26				94.00%	78.00%	70.00%			Work under progress.
70	Eastern Region Expansion Scheme - XXXVIII (ERES-XXXVIII)	PGCIL			50	Feb-24	Oct-25	May - 26									
	Shifting of ranchi (POWERGRID)-Raghunathpur (DVC) 400KV D/c (Quad) line to bays 431 & 434 at ranchi (POWERGRID)	PGCIL		3			Oct-25	May - 26		5	1.00						Survey completed. Route finalised. Foundation under progress.
	Bay Extension at New Ranchi SS with installation of 2x80 MVAR Line Reactors	PGCIL					Oct-25	May - 26				65.00%	45.00%	20.00%			Work under progress. Terminal equipments of Line (Both Ckts) shifted and charged on 22.10.2025.

	Bay Extension at Ranchi SS with shifting of existing Bus Reactor	PGCIL					Oct-25	May - 26					40.00%	55.00%	10.00%	Work under progress. ERS erected. WIP
71	Eastern Region Expansion Scheme-41 (ERES -41)	PGCIL			75	Jan-24	Jul-25	Dec - 26								
	500MVA 400/220kV ICT-3 AT RAJARHAT	PGCIL		500			Jul-25	Dec - 26					5.00%			S/S package. Work awarded. Engineering u/p
72	Eastern Region Expansion Scheme-42 (ERES-42)	PGCIL			58	Jan-25	Sep-26	Jul - 27								
	Installation of new 1x500MVA, 400/220kV (3rd) ICT at pandiabili (POWERGRID) S/S along with associated bays at 220kV level	PGCIL		500			Sep-26	Jul - 27								Under Tendering
73	North Eastern Region Strengthening Scheme-	PGCIL			11	May-23	Apr-25	Dec - 25								
	Reconductoring of Melriat (GIS) (POWERGRID) – Zuangtui (Mizoram) 132kV ACSR Panther S/c line with Single HTLS conductor of 900A (at nominal voltage level)	PGCIL		10			Apr-25	Apr - 25			10.13					Supply completed. S/D availed from 22.02.2025 to start reconductoring work. Line Charged on 01.04.2025
	One (1) new 132kV line bay at Melriat (GIS) (POWERGRID) S/s (of rating commensurate with rating of HTLS viz. 900A) for shifting of Melriat (GIS) (POWERGRID) - Zuangtui (Mizoram) 132kV HTLS line from exting bay and termination of the HTLS line in the new bay (0.5km including approx. 5 nos. towers) 132kV GIS line bay -1 New 132kV S/c HTLS line section -0.5km (including approx. 5 nos. towers)	PGCIL		1			Apr-25	Dec - 25	2	2.00			90.00%	100.00%	50.00%	Survey completed. Major supply completed. Work is in progress. Physical work is being hampered due to continuous rain
	Replacement of existing CT of 600/1A at Zuangtui (Mizoram) end in Melriat (GIS) (POWERGRID) - Zuangtui (Mizoram) 132kV S/c line with rating commensurate with ampacity (900A) of HTLS conductor of 800A (at nominal voltage level)	PGCIL					Apr-25	Apr - 25					0.00%	100.00%	0.00%	Survey completed. CT supplied. However, CT replacement work has been done by P&E Department, Mizoram as informed by email on 27.03.2025.
	Reconductoring of Aizawl (POWERGRID) – Luangmual (Mizoram) 132kV ACSR Panther S/c line with Single HTLS conductor of 800A (at nominal voltage level)	PGCIL		1			Apr-25	Jan - 26								Reconductoring works completed by Dept. of Power, Mizoram, Scope deleted vide CTU OM dated: 23.10.2024
	Replacement of existing CT of 600/1A at Luangmual (Mizoram) end in 132kV Aizawl (PG) - Luangmual (Mizoram) 132kV line with rating commensurate with ampacity (800A) of HTLS conductor.	PGCIL					Apr-25	Apr - 25					0.00%	0.00%	0.00%	Scope deleted as per CTU OM dated: 23.10.2024
	Installation of OPGW in Aizawl (POWERGRID) - Luangmual (Mizoram) 132kV S/c line	PGCIL					Apr-25	Apr - 25					0.00%	0.00%	0.00%	Scope deleted as per CTU OM dated: 23.10.2024
74	North - Eastern Region Expansion Scheme- 29, Part A (NERES-29, Part-A)	PGCIL			18	Apr-25	Apr-26	Jan - 27								
	Installation of new 1x50 MVA, 132/33kV (3rd) ICT at Namsai (POWERGRID) along with associated bays	PGCIL		50			Apr-26	Jan - 27								Under tendering
75	Augmentation of 1x500 MVA, 400/220kV ICT (3rd) at Thrissur VSC HVDC Station in Kerala	PGCIL			170		Aug-27	Aug - 27								
	1x500 MVA, 400/220kV ICT 3rd	PGCIL		500			Aug-27	Aug - 27								Under tendering
	2 Nos. of 220kV line bays for termination of 220kV transmission lines along with 220kV bus sectionaliser	PGCIL					Aug-27	Aug - 27								Under tendering
	Extension of 220kV GIS hall to accommodate 6 Nos. of 220kV bays (2 Nos. of 220kV ICT bays and 4 Nos. of 220kV line bays) and associated 220kV bus sectionaliser	PGCIL					Aug-27	Aug - 27								Under tendering
76	Augmentation of Transformation capacity by 1x500MVA, 400/220kV ICT (4th) at 400/220kV Sikar (PG) S/s in Rajasthan	PGCIL			54		Jun-27	Jun - 27								
	500 MVA, 400/220 kV ICT - 1 No.	PGCIL		500			Jun-27	Jun - 27								Under tendering
77	Augmentation of Transformation capacity by 1x500 MVA, 400/220kV ICT (3rd) at Narendra (existing) S/s in Karnataka	PGCIL			68		Sep-27	Sep - 27								
	500 MVA, 400/220 kV ICT – 1 No.	PGCIL		500			Sep-27	Sep - 27								Under tendering
78	Augmentation of Transformation capacity by 1x500 MVA, 400/230kV ICT (4th) at Kalivanthapattu S/s in Tamil Nadu	PGCIL			74		Jun-27	Jun - 27								
	500 MVA, 400/230 kV ICT – 1 No	PGCIL		500			Jun-27	Jun - 27								Under tendering
79	Augmentation of Transformation capacity by 400/220 kV, 1x500 MVA (3rd) ICT at Navi Mumbai (GIS) (PG) S/s in Maharashtra	PGCIL			64		Sep-27	Sep - 27								
	500 MVA, 400/220 kV ICT – 1 No	PGCIL		500			Sep-27	Sep - 27								Under tendering
80	Augmentation of Transformation capacity by 400/220 kV, 1x500 MVA (4th) ICT at Raipur (PG) S/s in Chhattisgarh	PGCIL			63		Jun-27	Jun - 27								
	500 MVA, 400/220 kV ICT-1 No	PGCIL		500			Jun-27	Jun - 27								