

Name of Transmission Company: Power Grid Corporation of India Limited				
Planned Addition from FY 2022-23				
S.No.	FY	Project	IA Cost (₹ in crore)	IA Date
1	2023-24	Eastern Region Expansion Scheme- XXXVI (ERES-XXXVI)	29.43	13/05/23
2	2023-24	Augmentation of transformation capacity by 1x500 MVA 400/220 KV ICT(4th) at Mysore substation in Karnataka	56.24	13/05/23
3	2023-24	WESTERN REGION EXPANSION SCHEME XXXIII (WRES-XXXIII): PART D	60.57	22/04/23
4	2023-24	Implementation of 2 nos. of 220 kV line bays at 400/220 kV Panchkula (Barwala) (PG) S/s for interconnection with 220 kV Dera Bassi Substation	8.10	22/04/23
5	2023-24	Implementation of 2 no. of 220 kV line bays at 400/220 kV Bikaner-II PS for interconnection of solar projects (ACME Solar Holdings Pvt. Ltd., Prerak Greentech Pvt. Ltd.)	25.23	13/04/23
6	2023-24	Eastern Region Expansion Scheme- XXXII (ERES-XXXII)	22.24	11/04/23
7	2023-24	IMPLEMENTATION OF 1 NO. 220KV LINE BAY AT BHUJ PS FOR PROVIDING CONNECTIVITY TO M/S NTPC RENEWABLE ENERGY LTD. (300MW)	6.70	06/04/23
8	2023-24	Transmission System for evacuation of power from Rajasthan REZ Phase-IV Part-1 (Bikaner Complex)-Part-E	146.66	06/04/23
9	2022-23	Implementation of 1 no. 400kV line bay at Kurnool New S/s for providing connectivity to M/s Greenko AP01 IREP Pvt. Ltd. (2nd 400kV line bay for M/s Greenko)	5.50	27/03/23
10	2022-23	Eastern Region Expansion Scheme-XXX (ERES-XXX)	11.25	24/03/23
11	2022-23	North Eastern Region Expansion Scheme - XVIII (NERES-XVIII)	17.07	15/03/23
12	2022-23	Transmission System for providing connectivity to M/s VEH Jayin Renewables Pvt. Ltd. at Rajgarh (PG) Substation	38.22	08/03/23
13	2022-23	Western Region Expansion Scheme- XXXI (WRES-XXXI) - Part C	95.83	08/03/23
14	2022-23	Eastern Region Expansion Scheme- XXXIII (ERES-XXXIII)	35.57	08/03/23
15	2022-23	Transmission System for Kurnool Wind Energy Zone/ Solar Energy Zone (AP) - Part-A & Part-B	3546.94	06/03/23
16	2022-23	Eastern Region Expansion Scheme-XXIX (ERES-XXIX)	524.04	06/03/23
17	2022-23	Scheme to relieve high loading of WR-NR Inter Regional Corridor (400 kV Bhinmal-Zerda line)	200.58	24/02/23
18	2022-23	Western Region Expansion Scheme-XXV (WRES-XXV)	385.84	24/02/23
19	2022-23	Augmentation of ISTS for interconnection of HVPNL Transmission Schemes	107.77	24/02/23
20	2022-23	North Eastern Region Expansion Scheme-XX (NERES-XX)	109.38	24/02/23
21	2022-23	Replacement of 1x250 MVA 400/220 KV ICT at 765/ 400/220 KV Moga (PG) S/s with 1x500 MVA 400/220 kv ICT along with associated works at 220 KV level	29.52	12/02/23
22	2022-23	Replacement of 1x315 MVA 400/220 KV ICT (ICT-1) at 400/220 KV Ludhiana(PG) s/s with 1x500 MVA 400/220 KV ICT	29.19	12/02/23
23	2022-23	North Eastern Region Expansion Scheme-XIX (NERES-XIX)	17.71	12/02/23
24	2022-23	Augmentation of Transformation Capacity by 1x500MVA 400/220kV ICT (6th) at Fatehgarh-II PS to cater to the N-1 contingency requirement at Fatehgarh-II PS	56.41	22/01/23
25	2022-23	REACTIVE POWER COMPENSATION ON 400KV TRANSMISSION LINES IN NR	90.02	22/01/23
26	2022-23	AUGMENTATION OF TRANSFORMATION CAPACITY BY 1X500 MVA 400/230 KV ICT (4th) AT ARASUR SUBSTATION	48.04	22/01/23
27	2022-23	EASTERN REGION EXPANSION SCHEME-XXXI (ERES-XXXI)	28.72	22/01/23
28	2022-23	Augmentation of Transformation Capacity by 1x500MVA 400/220kV ICT (3rd) to Cater to the N-1 Contingency requirement at Bikaner PS	46.92	18/01/23
29	2022-23	PROCUREMENT OF TRANSFORMER AND REACTOR AS PER ERPC & WRPC RECOMMENDATIONS	50.42	27/12/22
30	2022-23	AUGMENTATION OF TRANSFORMATION CAPACITY BY 1X500 MVA 400/220 KV ICT (3rd) AT RAIGARH (PG) SUBSTATION	35.63	27/12/22
31	2022-23	TRANSMISSION SYSTEM FOR EVACUATION OF POWER FROM REZ IN RAJASTHAN (20GW) UNDER PHASE-III PART J	330.61	13/12/22
32	2022-23	WESTERN REGION EXPANSION SCHEME- XXX (WRES-XXX)	18.14	08/12/22
33	2022-23	AUGMENTATION OF TRANSFORMATION CAPACITY BY 1X500 MVA, 400KV/230KV ICT(4TH) AT HOSUR SUBSTATION	42.70	04/12/22
34	2022-23	TRANSMISSION NETWORK EXPANSION IN GUJARAT ASSOCIATED WITH INTEGRATION OF RE PROJECTS FROM KHAVDA POTENTIAL RE ZONE	87.58	16/11/22
35	2022-23	Augmentation of transformation capacity by 1X500 MVA, 400kV/220KV ICT (6th) and common facility works at Pavagada (Tumkur) PS	69.63	07/10/22
36	2022-23	Transmission Project - Jamnagar Oil Refinery of Reliance Industries Limited (RIL) to connect with Jam khambhaliya ISTS PS	327.71	26/09/22
37	2022-23	Eastern Region Expansion Scheme- XXVIII	20.51	26/08/22
38	2022-23	Western Region Expansion Scheme-XXIV (WRES-XXIV)	6.54	26/08/22
39	2022-23	Implementation of 1 no. of 400 kV line bay at 400/220 kV Bikaner-II PS for interconnection of 1000 MW Solar Project of SJVN Ltd	5.76	22/08/22
40	2022-23	Implementation of 220kV bays for RE Generators and 400/220kV ICTs at Bikaner-II PS	92.46	22/08/22
41	2022-23	Requirement of 765 kV spare (1-Ph) Reactors units at 765kV Chilkaluripeta (Part-B)	7.77	29/07/22
42	2022-23	Scheme to bypass NGR to use Switchable Line Reactor as Bus Reactor at 765kV Chilkaluripeta	0.7	29/07/22
43	2022-23	Eastern Region Expansion Scheme-XXVII (ERES-XXVII)	59.42	25/07/22
44	2022-23	SCHEME FOR FAULT LEVEL CONTROL AT DEHGAM (PG) & RANCHHODPURA (GETCO) S/S	1.25	25/07/22
45	2022-23	WESTERN REGION EXPANSION SCHEME XXVI	127.61	06/07/22
46	2022-23	Transmission Network Expansion in Gujarat to increase ATC from ISTS : Part C	186.19	06/07/22
47	2022-23	TRANSMISSION NETWORK EXPANSION IN GUJARAT TO INCREASE ITS ATC FROM ISTS: PART B	4546.26	06/07/22
48	2022-23	North Eastern Region Expansion Scheme- XVII (NERES-XVII)	1.47	19/06/22
49	2022-23	Augmentation of Transformation capacity at Bhinmal (PG) S/s by 1x315 MVA, 400/220kV ICT (3rd)	6.96	15/06/22

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50	2022-23	Requirement of 1 no. 220kV line bay at 400/220 kV Amritsar (PG) by PSTCL	4.41	14/06/22
51	2022-23	TRANSMISSION SYSTEM FOR EVACUATION OF POWER FROM RE PROJECTS IN WIND ENERGY ZONES IN OSMANABAD AREA OF MAHARASHTRA (1 GW) : CONVERSION OF 50 MVAR FIXED LINE REACTORS ON EACH CIRCUIT OF PARLI (PG) - PUNE (GIS) 400 KV D/C LINE AT PARLI (PG) END INTO SWITCHABLE LINE REACTORS	2.41	16/05/22
52	2021-22	SCHEME TO CONTROL FAULT LEVEL AT INDORE SUBSTATION	16.48	29/03/22
53	2021-22	AUGMENTATION OF TRANSFORMATION CAPACITY AT 400/220 kV KURUKSHETRA (PG) & PATIALA (PG) SUBSTATIONS	106.99	27/03/22
54	2021-22	AUGMENTATION OF TRANSFORMATION CAPACITY IN SOUTHERN REGION	176.22	27/03/22
55	2021-22	EVACUATION OF RE IN TIRUNELVELI AND TUTICORIN WIND ENERGY ZONE (TAMIL NADU) 500 MW	120.09	27/03/22
56	2021-22	TRANSMISSION SYSTEM STRENGTHENING BEYOND KOLHAPUR FOR EXPORT OF POWER FROM SOLAR & WIND ENERGY ZONES IN SOUTHERN REGION - RE-CONDUCTORING OF KOLHAPUR (PG) - KOLHAPUR 400 kV D/C LINE	129.28	27/03/22
57	2021-22	TRANSMISSION SYSTEM STRENGTHENING FOR SRINAGAR-LEH TRANSMISSION SYSTEM	288.71	27/03/22
58	2021-22	SYSTEM STRENGTHENING SCHEME FOR RECONDUCTORING OF PORTION OF DULHASTI-KISHTWAR-KISHENPUR 400kV (QUAD) S/C	11.95	22/03/22
59	2021-22	220 KV BAYS AT 400 KV SUBSTATION PG KHATKAR (JIND) & NAGGAL (PANCHKULA) SUBSTATION	22.49	20/02/22
60	2021-22	AUGMENTATION OF 1X500 MVA, 400/220 KV ICT (3rd) AT BHATAPARA (PG)	38.26	12/02/22
61	2021-22	1X500MVA, 400/220KV ICT AUGMENTATION (3RD) AT SOHAWAL (PG) UNDER SYSTEM STRENGTHENING	31.41	04/02/22
62	2021-22	TRANSMISSION SYSTEM STRENGTHENING SCHEME FOR EVACUATION OF POWER FROM SOLAR ENERGY ZONES IN RAJASTHAN (8.1 GW) UNDER PHASE-II PART G1	359.47	02/02/22
63	2021-22	TRANSMISSION SYSTEM FOR EVACUATION OF POWER FROM PAKALDUL HEP IN CHENAB VALLEY HEPS - LTA SYSTEM	318.12	02/02/22
64	2021-22	AUGMENTATION OF TRANSFORMATION CAPACITY AT 400/220 KV LUDHIANA (PG) SUBSTATION	26.46	01/02/22
65	2021-22	ESTABLISHMENT OF STATE-OF-THE-ART UNIFIED CENTRALIZED NETWORK MANAGEMENT SYSTEM U-NMS FOR ISTS AND STATE UTILITY COMMUNICATION NETWORK IN EASTERN REGION	91.91	27/01/22
66	2021-22	One No. of 220kV bay at Chamera Pooling Point for 2nd Circuit Stringing of 220kV Karian - Chamera Pool Line	7.91	25/01/22
67	2021-22	EASTERN REGION EXPANSION SCHEME-XXVI (ERES-XXVI)	32.1	25/01/22
68	2021-22	1 No. 400 kV BAY AT 765/400 kV KURNOOL (NEW) SUBSTATION	4.37	03/01/22
69	2021-22	Transmission Network Expansion in Gujarat to increase its ATC from ISTS (Part A)	58.44	08/12/21
70	2021-22	NORTHERN REGION OPGW STRENGTHENING SCHEME	40.2	03/12/21
71	2021-22	IMPLEMENTATION OF 400kV BAYS FOR RE GENERATORS AT BHADLA-II PS & FATEHGARH-II PS	26.02	23/11/21
72	2021-22	Regional System Strengthening scheme to mitigate the overloading of 400 kV NP Kunta- Kolar S/C line	122.71	09/11/21
73	2021-22	IMPLEMENTATION OF 1X80 MVAR 765 kV SPARE REACTOR AT BHADLA-II SUBSTATION	9.02	01/11/21
74	2021-22	AUGMENTATION OF TRANSFORMATION CAPACITY AT EXISTING HIRIYUR AND KOCHI SUBSTATIONS	93.51	26/10/21
75	2021-22	Implementation of 1x500 MVA, 400/220kV ICT (8th) at Bhadla Pooling Station	56.3	25/10/21
76	2021-22	Implementation of 1 no. of 230 kV bay at PGCIL Tuticorin-II GIS PS	7.56	25/10/21
77	2021-22	Implementation of 220 kV bay at Shahjahanpur 400/220 kV substation (PGCIL)	3.44	25/10/21
78	2021-22	Setting up of Electric Vehicle Charging Stations in Navi Mumbai under FAME India Scheme Phase II	14.23	11/10/21
79	2021-22	ICT AUGMENTATION AT 2X315 MVA, 400/220KV SHUJALPUR (PG) SUBSTATION	32.83	06/10/21
80	2021-22	PROVISION OF SPARE ICT's IN EASTERN REGION	94.56	01/10/21
81	2021-22	REPLACEMENT OF OLD RTUS IN NORTH EASTERN REGION	4.36	01/09/21
82	2021-22	ESTABLISHMENT OF STATE-OF-THE-ART UNIFIED CENTRALIZED NETWORK MANAGEMENT SYSTEM U-NMS FOR NORTHERN REGION (NR) ISTS AND STATE UTILITY COMMUNICATION NETWORK	114.55	09/08/21
83	2021-22	ESTABLISHMENT OF STATE-OF-THE-ART UNIFIED CENTRALIZED NETWORK MANAGEMENT SYSTEM U-NMS FOR NORTH EASTERN REGION (NER) ISTS AND STATE UTILITY COMMUNICATION NETWORK	110.48	09/08/21
84	2021-22	Western Region Communication Strengthening Scheme (WRCSS)	108.61	09/08/21
85	2021-22	RELIABLE COMMUNICATION SCHEME UNDER CENTRAL SECTOR FOR NORTH EASTERN REGION	74.43	21/07/21
86	2021-22	STRENGTHENING OF OPGW NETWORK WITHIN THE ER GRID AND CONNECTIVITY WITH OTHER REGIONS	65.47	18/07/21
87	2021-22	CONNECTIVITY AND LTA FOR 325MW WIND PROJECT OF M/S SBESS SERVICES PROJECTS PVT LTD	44.65	10/07/21
88	2021-22	PROVISION OF SPARE TRANSFORMER & REACTOR IN NORTH EASTERN REGION	30.36	10/07/21
89	2021-22	Eastern Region System Strengthening Scheme-XXIV (ERSS - XXIV)	2.7	19/06/21
90	2021-22	NERSS-XII	576.42	21/05/21
91	2021-22	Transmission System for power evacuation from Arun-3 (900MW) HEP, Nepal of M/s. SAPDC - Indian portion	179.29	21/05/21

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92	2021-22	Transmission system strengthening Scheme for evacuation of power from solar energy zones in Rajasthan (8.1 GW) under Phase II -Part B1 (765/400/220kV ICT augmentation at Fatehgarh-II and Bhadla-II).	1184.88	21/05/21
93	2021-22	Equity Investment to pay off the State contribution of 5% project cost to UTs of J&K and Ladakh and expenditure towards procurement of T&Ps and Spares for 220 kV Srinagar-Leh Transmission System (SLTS)	144.42	21/05/21
94	2021-22	Western Region System Strengthening Scheme (WRSS) - 23	92.34	05/05/21