Status of ISTS- RTM Projects -SR

As on 31.10.2026

S.No.	Name of the Transmission Project & Scope	Element Type	Voltage Level (kV)/ Voltage Ratio (for transformer)	MVA	SCOD	Anticipated completion	Name of TSP	Region
1	**Transmission scheme for evacuation of power from RE sources in Kurnool Wind Energy Zone (3000 MW)/Solar Energy Zone (AP) (1500MW) - Part-A and Part-B**				**Progressively from Nov'24 to Oct'27**	**Oct-27**	**POWERGRID**	**SR**
	Kurnool –III PS – Kurnool(new) 765 kV D/c line.	TL	765		Nov-24	Completed	POWERGRID	SR
	Kurnool –III PS – Maheshwaram (PG) 765 kV D/c Line	TL	765		Nov-24	Completed	POWERGRID	SR
	Establishment of 765/400/220kV 3x1500 MVA, 8x500 MVA (incl 1 no. spare) ICT at Kurnool-III PS with 1x330MVAR (765kV) & 1x125MVAR(400kV) Bus Reactors.	SN	765/400	8000	Nov-24	Completed	POWERGRID	SR
	2x500MVA 400/220kV ICT at Kurnool-III (New) 5 no. 220kV Line bays	SN	765/400	1000	Oct-27	Oct-27	POWERGRID	SR
2	**Augmentation of transformation capacity by 2x500MVA (7th & 8th), 400/220kV ICTs at Tumkur (Pavagada) 400/220kV Pooling Station**				**Progressively from Aug'25 to May'26**	**Nov-26**	**POWERGRID**	**SR**
	1x500MVA (7th), 400/220kV ICTs at Tumkur (Pavagada)	SA	400/220	500	Aug-25	Completed	POWERGRID	SR
	1x500MVA (8th), 400/220kV ICTs at Tumkur (Pavagada)	SA	400/220	500	May-26	Nov-26	POWERGRID	SR
3	**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**				**May-26**	**Dec-26**	**POWERGRID**	**SR**
	Augmentation of Transformation Capacity by 2x500MVA (9th & 10th), 400/220kV ICTs at Tumkur (Pavagada) 400/220 kV Pooling Station in Karnataka		400/220	1000	May-26	Dec-26	POWERGRID	SR
	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.)				May-26	Dec-26	POWERGRID	SR
4	**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.**				**Progressively from Mar'25 to Sept'25**	**Nov-26**	**POWERGRID**	**SR**
	PART A: 400/220KV ICT (1X500MVA)	SA	400/220	500	Sep-25	Completed	POWERGRID	SR
	PART B: Implementation of common facility works at NP Kunta for providing connectivity to RE generation Projects.220KV Bus Works for 06 nos. of Bays-1 set	BE			Mar-25	Nov-26	POWERGRID	SR
5	**Implementation of 1 no. of 230kV line bay at Pugalur (Existing) 400/230kV S/s for integration of RE generation project (M/s Tata Power Renewable Energy Ltd.)**				**Mar-26**	**Mar-27**	**POWERGRID**	**SR**
	1 no. of 230kV line bay at Pugalur (Existing) 400/230kV S/s	BE	230		Mar-26	Mar-27	POWERGRID	SR
6	**Augmentation of Transformation Capacity at 400/220KV Yelahanka (GIS) S/s in Karnataka by 400/220KV, 1x500MVA ICT (3rd)**				**Jul-26**	**Jun-27**	**POWERGRID**	**SR**
	Augmentation of Transformation Capacity at 400/220KV Yelahanka (GIS) S/s in Karnataka by 400/220KV, 1x500MVA ICT (3rd)	SA	400/220	500	Jul-26	Jun-27	POWERGRID	SR
7	**Reconductoring of maheswaram (PG)-hyderabad 400KV S/C line with HTLS conductor**				**Jun-26**	**Jun-27**	**POWERGRID**	**SR**

Status of ISTS- RTM Projects -SR

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S.No.	Name of the Transmission Project & Scope	Element Type	Voltage Level (kV)/ Voltage Ratio (for transformer)	MVA	SCOD	Anticipated completion	Name of TSP	Region
	Reconductoring of Maheswaram (PG)-Hyderabad 400KV S/C line with HTLS conductor along with upgradation of 400KV bay equipment at maheswaram (PG) GIS & Hyderabad AIS	REC			Jun-26	Jun-27	POWERGRID	SR
8	**Transmission System for Offshore wind farm in Tamil Nadu {500 MW VGF}**				**Mar-30**	**Mar-30**	**POWERGRID**	**SR**
	Establishment of 2x500 MVA, 400/230 kV Onshore Pooling Station near Avaraikulam, Tirunelveli District in TamilNadu with provision of expansion upto 5GW	SN	400/230Kv	1000	Mar-30	Mar-30	POWERGRID	SR
	Avaraikulam Onshore PS – Tuticorin PS 400 kV D/c quad line	TL			Mar-30	Mar-30	POWERGRID	SR
	300 MVAr STATCOM along with 2x125 MVAr MSR	SA			Mar-30	Mar-30	POWERGRID	SR
	Establishment of 2x315 MVA, 230/66kV Off-Shore Substation-1 with 10 nos. Of 66kV line bays for RE integration	SN	230/66Kv	630	Mar-30	Mar-30	POWERGRID	SR
	Offshore substation 1 (OSS-1) –Avaraikulam Onshore PS 2 nos. 230kV (atleast 300 MVA capacity) Submarinecables (~35 - 40 km) with 2x50MVArswitchable line reactors at OSS-1 end	TL			Mar-30	Mar-30	POWERGRID	SR
9	**Augmentation of 1x500 MVA, 400/230 kV ICT (7th) at Tuticorin-II GIS Sub Station**				**Feb-28**	**Feb-28**	**POWERGRID**	**SR**
	Augmentation of 1x500MVA, 400/230 KV ICT (7th) at Tuticorin-II GIS	SA	400/230	500	Feb-28	Feb-28	POWERGRID	SR
	01 No. of 230 KV Line Bay for termination of Dedicated Transmission Line of M/s NCL Industries Ltd.	BE			Feb-28	Feb-28	POWERGRID	SR
10	**Augmentation of transformation capacity at 400/220kV Bidadi (GIS) S/s in Karnataka by 1x500 MVA, 400/220kV ICT (3rd)**				**Jul-26**	**Jun-27**	**POWERGRID**	**SR**
	500MVA, 400/220kV ICT – 1no.	SA	400/220	500	Jul-26	Jun-27	POWERGRID	SR
11	**Reconductoring of Somanahalli – Bidadi 400kV kV D/c line with HTLS conductor**				**Jun-26**	**Jun-27**	**POWERGRID**	**SR**
	Reconductoring of Somanahalli – Bidadi 400kV kV D/c line with HTLS conductor (2100 MVA/ckt)	REC	400		Jun-26	Jun-27	POWERGRID	SR
	Upgradation of 400kV bay equipment at Somanahalli end	BE			Jun-26	Jun-27	POWERGRID	SR
	Upgradation of 400kV bay equipment at Bidadi (GIS) end	BE			Jun-26	Jun-27	POWERGRID	SR
12	**Augmentation of Transformation capacity at 400/220kV Nagarjunasagar S/s in Andhra Pradesh by 1x500MVA ,400/220kV ICT (4th)**				**May-27**	**May-27**	**POWERGRID**	**SR**
	• 500 MVA, 400/220 kV ICT – 1 No.	SA	400/220	500	May-27	May-27	POWERGRID	SR
13	**Conversion of 80 MVAr fixed line reactor at Nellore end on Vijayawada – Nellore 400kV D/c line (Line-2) to switchable line reactor along with NGR and its bypassing scheme**				**Nov-26**	**Feb-27**	**POWERGRID**	**SR**
	Conversion of 80 MVAr fixed line reactor at Nellore end on Vijayawada –Nellore 400kV D/c line (Line-2) to switchable line reactor along with NGR and its bypassing scheme.				Nov-26	Feb-27	POWERGRID	SR
14	**Implementation of 2 nos. of 220kV line bays at Tumkur (Pavagada) PS for providing Connectivity to various RE generation projects**				**Progressively from Nov'26 to Dec'26**	**Mar-27**	**POWERGRID**	**SR**

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S.No.	Name of the Transmission Project & Scope	Element Type	Voltage Level (kV)/ Voltage Ratio (for transformer)	MVA	SCOD	Anticipated completion	Name of TSP	Region
	1 no. of 220kV line bay at Tumkur (Pavagada) PS for termination of dedicated transmission line of M/s Ayana Renewable Power Pvt. Ltd.	BE			Nov-26	Mar-27	POWERGRID	SR
	1 no. of 220kV line bay at Tumkur (Pavagada) PS for termination of dedicated transmission line of M/s ACME Solar Holdings Ltd.	BE			Dec-26	Mar-27	POWERGRID	SR
15	**Augmentation of transformation capacity at 400/220kV Kozhikode S/s in Kerala by 500 MVA 400/220kV ICT (4th)**				**Feb-27**	**Jun-27**	**POWERGRID**	**SR**
	1x500 MVA, 400/220kV ICT (4th) AT Kozhikode S/s	SA	400/220	500	Feb-27	Jun-27	POWERGRID	SR
16	**Augmentation of transformation capacity at 400/220kV Trivandrum S/s in Kerala by 500 MVA 400/220kV ICT (4th)**				**Feb-27**	**Jun-27**	**POWERGRID**	**SR**
	1x500 MVA, 400/220kV ICT (4th) at Trivandrum S/s	SA	400/220	500	Feb-27	Jun-27	POWERGRID	SR
17	**Augmentation / replacement of existing 400/230kV, 315 MVA ICT-2 with 400/230kV, 500 MVA ICT at Udumalpet 400/230kV S/s**				**Feb-27**	**Jun-27**	**POWERGRID**	**SR**
	Augmentation / replacement of existing 400/230kV, 315 MVA ICT-2 with 400/230kV, 500 MVA ICT at Udumalpet 400/230kV S/s	SA	400/230	500	Feb-27	Jun-27	POWERGRID	SR
18	**Augmentation of 1x500 MVA, 400/220kV ICT (3rd) at Thrissur VSC HVDC Station in Kerala**				**Aug-27**	**Dec-27**	**POWERGRID**	**SR**
	1x500 MVA, 400/220kV ICT 3rd	SA	400/220kV	500	Aug-27	Dec-27	POWERGRID	SR
	2 Nos. of 220kV line bays for termination of 220kV transmission lines along with 220kV bus sectionaliser	BE			Aug-27	Dec-27	POWERGRID	SR
	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 bussectionaliser	BE			Aug-27	Dec-27	POWERGRID	SR
19	**Augmentation of 2x500 MVA, 400/230 kV transformation capacity (3rd & 4th ICTs) at Karur PS**				**Sep-25**	**Mar-27**	**Adani**	**SR**
	• 500 MVA, 400/230 kV ICTs – 1 Nos.	SA	400/230kV	1000	Sep-25	Mar-27	Adani	SR
	500 MVA, 400/230 kV ICTs – 1 Nos.	SA	400/230kV	1000	Sep-25	Mar-27	Adani	SR
20	**Implementation of 1 no. of 230kV line bay at Karur 400/230kV PS for interconnection of REGS of M/s Nannai Solar Park Pvt. Ltd**				**Jan-26**	**Mar-27**	**Adani**	**SR**
	• 1 no. of 230kV line bay at Karur 400/230kV PS for interconnection of REGS of M/s Nannai Solar Park Pvt. Ltd.	BE			Jan-26	Mar-27	Adani	SR
21	**Augmentation of Transformation capacity by 1x500 MVA, 400/220 kV ICT (3rd) at Narendra (existing) S/s.**				**Sep-27**	**Sep-27**	**POWERGRID**	**SR**
	500 MVA, 400/220 kV ICT – 1 No.	SA	400/220kV	500	Sep-27	Sep-27	POWERGRID	SR
22	**Augmentation of Transformation capacity by 1x500 MVA, 400/230 kV ICT (4th) at Kalivanthapattu S/s in Tamil Nadu.**				**Jun-27**	**Jun-27**	**POWERGRID**	**SR**
	500 MVA, 400/230 kV ICT – 1 No.	SA	400/230kV	500	Jun-27	Jun-27	POWERGRID	SR
23	**Implementation of 1 no. of 220 kV line bay at Tumkur (Pavagada) PS for providing Connectivity to M/s TEQ Green Power XX Pvt. Ltd.**				**Mar-27**	**Mar-27**	**POWERGRID**	**SR**
	220 kV line bay – 1 No.	BE			**Mar-27**	Mar-27	POWERGRID	SR
24	**Shifting of 2 nos. of 63 MVAr line reactors at Madhugiri S/s to vacant 400 kV bays (space) to use as bus reactors**				**Sep-27**	**Sep-27**	**POWERGRID**	**SR**

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S.No.	Name of the Transmission Project & Scope	Element Type	Voltage Level (kV)/ Voltage Ratio (for transformer)	MVA	SCOD	Anticipated completion	Name of TSP	Region
	Shifting of 63 MVAr line reactors [2 nos.] to vacant 400 kV bays [space] [at Madhugiri S/s] 400 kV bays – 2 Nos. [at Madhugiri S/s for utilisation of 2 nos. of 63 MVAr line reactors as bus reactors				Sep-27	Sep-27	POWERGRID	SR
25	**Transmission system for integration of Kurnool-V REZ Phase-I" - Upgradation works at Nagarjunasagar and Raichur.**				**Jun-28**	**Jun-28**	**POWERGRID**	**SR**
	Conversion of 765 kV Bus Reactor bays to 765 kV SLR Line bays-2 Nos. (at Raichur New).				Jun-28	Jun-28	POWERGRID	SR
	Shifting of existing 50MVAr Bus Reactor at Nagarjunasagar to a new bay for termination of one circuit of Sagar Nagarjunasagar 400 kV quad D/c line. -				Jun-28	Jun-28	POWERGRID	SR
26	**Upgradation / Conversion of Udumalpet – Madurai 400kV S/c line to Udumalpet – Madurai 400kV (quad) D/c line**				**Aug-28**	**Aug-28**	**POWERGRID**	**SR**
	Upgradation / Conversion of Udumalpet - Madurai 400kV S/c line to Udumalpet Madurai 400kV (quad) D/c line.				Aug-28	Aug-28	POWERGRID	SR
	Bay upgradation works at Udumalpet Substation.				Aug-28	Aug-28	POWERGRID	SR
	Bay upgradation works at Madurai Substation.				Aug-28	Aug-28	POWERGRID	SR
27	**Reconductoring of Tirunelveli – Udumalpet and Pugalur – Madurai 400kV D/c lines with HTLS conductor**				**Feb-28**	**Feb-28**	**POWERGRID**	**SR**
	Reconductoring of Tirunelveli – Udumalpet 400kV D/c line with HTLS conductor. (Capacity 2100 MVA)				Feb-28	Feb-28	POWERGRID	SR
	Upgradation of bay equipments at Tirunelveli end				Feb-28	Feb-28	POWERGRID	SR
	Upgradation of bay equipments at Udumalpet end				Feb-28	Feb-28	POWERGRID	SR
	Reconductoring of Pugalur – Madurai 400kV D/c line with HTLS conductor. (Capacity 2100 MVA)				Feb-28	Feb-28	POWERGRID	SR
	Upgradation of bay equipments at Pugalur end				Feb-28	Feb-28	POWERGRID	SR
	Upgradation of bay equipments at Madurai end				Feb-28	Feb-28	POWERGRID	SR
28	**Implementation of 2 nos. of 220kV Bus Sectionalizers at 220kV level of Gadag-II 400/220kV PS**				**Aug-27**	**Aug-27**	**POWERGRID**	**SR**
	Implementation of 2 nos. of 220kV Bus Sectionalizers at 220kV level of Gadag-II 400/220kV PS				Aug-27	Aug-27	POWERGRID	SR
29	**Implementation of 1 no. of 230kV line bay at Tuticorin-II GIS for providing Connectivity to M/s Indianoil NTPC Green Energy Pvt. Ltd**				**Feb-28**	**Feb-28**	**POWERGRID**	**SR**
	1 no. of 230kV line bay at Tuticorin-II GIS for termination of dedicated transmission line of M/s Indianoil NTPC Green Energy Pvt. Ltd				Feb-28	Feb-28	POWERGRID	SR
30	**Reconductoring of Gooty - Tumkur (Pavagada) 400kV D/c line with HTLS conductor**				**Jun-28**	**Jun-28**	**POWERGRID**	**SR**
	Reconductoring of Gooty – Tumkur (Pavagada) 400kV D/c line with HTLS conductor (Capacity - 2100 MVA				Jun-28	Jun-28	POWERGRID	SR
	Upgradation of bay equipments at Gooty end				Jun-28	Jun-28	POWERGRID	SR
	Upgradation of bay equipments at Tumkur (Pavagada) end				Jun-28	Jun-28	POWERGRID	SR

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S.No.	Name of the Transmission Project & Scope	Element Type	Voltage Level (kV)/ Voltage Ratio (for transformer)	MVA	SCOD	Anticipated completion	Name of TSP	Region
31	**Augmentation of transformation capacity by 1x500 MVA, 400/220 kV ICT (9th) at Davanagere PS**				**Dec-28**	**Dec-28**	**POWERGRID**	**SR**
	Augmentation of transformation capacity by 1x500 MVA, 400/220kV ICT (9th) at Davanagere 765/400/220kV PS		400/220	500	Dec-28	Dec-28	POWERGRID	SR
32	**Implementation of 1 no. of 220kV Bus Sectionalizer at 220kV level of Koppal-II 765/400/220kV PS**				**Jun-28**	**Jun-28**	**POWERGRID**	**SR**
	Implementation of 1 no. of 220kV Bus Sectionalizer at 220kV level of Koppal-II 765/400/220kV PS		220		Jun-28	Jun-28	POWERGRID	SR
33	**Implementation of 2 no. of 220kV line bay at Tumkur (Pavagada) PS for termination of Tumkur (Pavagada) – Pavagada (KPTCL) 220kV D/c line of KPTCL.**				**Jun-28**	**Jun-28**	**POWERGRID**	**SR**
	2 nos. of 220kV line bays at Tumkur (Pavagada) PS for termination of Tumkur (Pavagada) - Pavagada (KPTCL) 220kV D/c line of KPTCL.	BE	220		Jun-28	Jun-28	POWERGRID	SR
34	**Implementation of 1 no. of 400kV line bay at Kurnool-IV 765/400/220kV PS for integration of RE generation project of M/s Reliance NU Suntech Pvt. Ltd.**		400		May-29	May-29	POWERGRID	SR
	1 no. of 400kV line bay at Kurnool-IV 765/400/220kV PS	BE	400		May-29	May-29	POWERGRID	SR
35	**Implementation of 2 nos. of 400kV line bays at Tirunelveli 400/230kV S/s for termination of Tirunelveli – Edamon 400kV D/c line (presently charged at 220kV) at 400kV level**.				Jun-29	Jun-29	POWERGRID	SR
	2 nos. of 400kV line bays at Tirunelveli 400/230kV S/s for termination of Tirunelveli – Edamon 400kV D/c line (presently charged at 220kV) at 400kV level	BE	400		Jun-29	Jun-29	POWERGRID	SR
	Termination of upgraded Tirunelveli – Edamon 400kV D/c line at 400kV level (presently charged at 220kV)		400		Jun-29	Jun-29	POWERGRID	SR
36	**Augmentation of Raichur New 765/400kV S/s with 1x1500 MVA, 765/400kV ICT (3rd) and 1x330 MVAr (765kV) bus reactor**				Apr-29	Apr-29	POWERGRID	SR
	Augmentation of Raichur New 765/400kV S/s with 1x1500 MVA, 765/400kV ICT (3rd) and 1x330 MVAr (765kV) bus reactor	SA	765/400	1500	Apr-29	Apr-29	POWERGRID	SR

Data has been prepared based on the commitment given by TSPs in JCC/various review meetings taken by MoP/CEA/CTUIL.

Note:
BE: Bay Extension
BR: Bus Reactor
REC: Reconductoring
SA: Substation Augmentation
SLR: Switchable Line Reactor
SN: Substation New
STAT: Statcom
SS: Switching Station
TL: Transmission Line