

Status of ISTS- TBCB projects - SR

As on 31.01.2026 (Rev 1)

Si.No.	Name of the Transmission Project & Scope	Element Type	Voltage Level (kV)/ Voltage Ratio (for transformer)	Length (CKM)	MVA	SCOD	Anticipated completion	Name of TSP	Region
1	Transmission scheme for Solar Energy Zone in Ananthpuram (Ananthapur) (2500 MW) and Kurnool (1000 MW), Andhra Pradesh SPV: POWERGRID Ananthpuram Kurnool Transmission Ltd					Sep-25	Mar-26	POWERGRID	SR
	7x500 MVA , 400/220 KV Ananthpuram S/s	SN	400/220		3500	Sep-25	Mar-26	POWERGRID	SR
	Ananthpuram PS-Kurnool-III PS 400 kV (Quad moose) D/c Line	TL	400	171		Sep-25	Completed	POWERGRID	SR
	Ananthpuram PS-Cuddapah-400kV (Quad moose) D/c Line	TL	400	371		Sep-25	Mar-26	POWERGRID	SR
	02 No. of 400KV Line Bays at Kurnool-III PS for Ananthpuram PS-Kurnool-III PS 400KV D/C Line	Bay Ext.	400			Sep-25	Completed	POWERGRID	SR
	02 No. of 400KV Line Bays at Cuddapah PS for Ananthpuram PS-Cuddapah 400KV D/C Line	Bay Ext.	400			Sep-25	Mar-26	POWERGRID	SR
2	Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A & B) and Gadag-II (Phase- A) in Karnataka SPV: POWERGRID KOPPAL GADAG TRANSMISSION LIMITED					Dec-25	Jun-26	POWERGRID	SR
	Establishment of 765/400 kV 2x1500 MVA, 400/220 kV, 2x500 MVA Koppal-II (Phase- A)	SN	765/400		4000	Dec-25	Jun-26	POWERGRID	SR
	Establishment of 400/220 kV, 2x500 MVA Gadag-II (Phase -A) Pooling Station	SN	400/220		1000	Dec-25	Jun-26	POWERGRID	SR
	Koppal-II PS – Narendra (New) 765 kV D/c line	TL	765	236		Dec-25	Jun-26	POWERGRID	SR
	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line	TL	400	77		Dec-25	Jun-26	POWERGRID	SR
	Koppal-II PS – Raichur 765 kV D/c line	TL	765	293		Dec-25	Jun-26	POWERGRID	SR
	Augmentation by 2x1500 MVA, 765/400 kV ICTs at Koppal-II PS	SA	765/400		3000	Dec-25	Jun-26	POWERGRID	SR
	Augmentation by 2x500 MVA, 400/220 kV ICTs at Koppal-II PS	SA	400/220		1000	Dec-25	Jun-26	POWERGRID	SR
	Extension of 765kV Narendra (GIS) S/s	Bay Ext.	765			Dec-25	Jun-26	POWERGRID	SR
	Extension of 765kV Raichur S/s	Bay Ext.	765			Dec-25	Jun-26	POWERGRID	SR
3	Transmission Scheme for Solar Energy Zone in Bidar (2500 MW), Karnataka (SPV Name: POWERGRID Bidar Transmission Limited)					Feb-26	Jun-26	POWERGRID	SR
	Bidar PS–Maheshwaram (PG) 765KV D/C line	TL	765	480		Feb-26	Jun-26	POWERGRID	SR
	Establishment of Bidar PS 3x1500 MVA, 765/400 kV and 5x500 MVA, 400/220 kV ICTs	SN	765/400		7000	Feb-26	Jun-26	POWERGRID	SR
	765 KV Line Bays at Maheshwaram (PG) for termination of Bidar PS-Maheshwaram (PG) 765KV D/C Line	Bay Ext.	765			Feb-26	Jun-26	POWERGRID	SR
4	Transmission System under ISTS for evacuation of power from Kudankulam Unit - 3 & 4 (2x1000 MW) (SPV Name: POWERGRID Kudankulam Transmission Limited)					Dec-26	Dec-26	POWERGRID	SR
	Kudankulam Nuclear Power Plant (3&4) – Tuticorin-II GIS PS 400 kV (quad) D/c line	TL	400	206		Dec-26	Dec-26	POWERGRID	SR
	400 kV GIS line terminal equipment at Tuticorin-II GIS : 02 Nos.	Bay Ext.	400			Dec-26	Dec-26	POWERGRID	SR
5	System Strengthening at Koppal-II and Gadag-II for integration of RE generation projects (SPV Name: POWERGRID Koppal Gadag Augmentation Transmission Limited)					Progressively from Dec-25 to Jun-27	Progressively from Aug-26 to Jun-27	POWERGRID	SR
	Gadag-II PS – Koppal-II PS 400 kV (Quad) 2nd D/c line	TL	400	90		Jan-27	Jan-27	POWERGRID	SR

	300 MVAr STATCOM at Kurnool-IV PS along with 2x125 MVAr MSR	STAT				Mar-27	Mar-27	POWERGRID	SR
	Augmentation by 1x1500 MVA, 765/400 kV ICT (3rd) at C'Peta	SA	765/400		1500	Mar-27	Mar-27	POWERGRID	SR
	LILO of Vijayawada-Nellore 400 kV D/C line at C'Peta	TL	400	64		Mar-27	Mar-27	POWERGRID	SR
8	Transmission Scheme for integration of Davanagere/ Chitradurga and Bellary REZ in Karnataka (SPV Name: POWERGRID Chitradurga Bellary Transmission Limited)					Progressively from Mar-27 to Sept-27	Progressively from Mar-27 to Sept-27	POWERGRID	SR
	Establishment of 765/400 kV, 4x1500 MVA, 400/220 kV 4x500 MVA Pooling Station near Davanagere / Chitradurga, Karnataka	SN	765/400		8000	Mar-27	Mar-27	POWERGRID	SR
	LILO of Narendra New – Madhugiri 765 kV D/C line at Davanagere / Chitradurga 765/400 kV PS	TL	765	160		Mar-27	Mar-27	POWERGRID	SR
	Upgradation of Madhugiri {Tumkur (Vasantnarsapura)} substation to its rated voltage of 765 kV level alongwith 3x1500 MVA, 765/400 kV ICTs	SA			4500	Mar-27	Mar-27	POWERGRID	SR
	Upgradation of Narendra New – Madhugiri 765 kV D/C line (presently charged at 400 kV level) at its rated 765 kV voltage level		765			Mar-27	Mar-27	POWERGRID	SR
	Establishment of 4x500 MVA, 400/220 kV Pooling Station near Bellary area (Bellary PS), Karnataka	SN	400/220		2000	Sep-27	Sep-27	POWERGRID	SR
	Bellary PS – Davanagere / Chitradurga 400 kV D/C line	TL	400	200		Sep-27	Sep-27	POWERGRID	SR
	2x330 MVAr (765kV) bus reactors at Davanagere/Chitradurga PS • 765 kV, 330 MVAr Bus Reactor – 2 Nos. (7x110 MVAr inc. 1 switchable spare unit for both bus reactor and line reactor) • 765 kV Bus Reactor bays – 2 nos.					Mar-27	Mar-27	POWERGRID	SR
	2x125MVAr 420kV bus reactors at Bellary PS • 420 kV, 125 MVAr bus reactors – 2 nos. • 420 kV, 125 MVAr bus reactor bays –2 nos.					Sep-27	Sep-27	POWERGRID	SR
9	Transmission system strengthening at Kurnool- III PS for integration of additional RE generation projects (SPV Name: POWERGRID Kurnool-III CPETA Transmission Limited)					Progressively from Jun-26 to Dec-27	Progressively from Dec-26 to Dec-27	POWERGRID	SR
	Augmentation of transformation capacity by 3x1500 MVA, 765/400 kV ICTs at Kurnool-III PS	SA	765/400		4500	Mar-27	Mar-27	POWERGRID	SR
	Kurnool-III PS – Chilakaluripeta 765 kV D/c line	TL	765	593		Mar-27	Mar-27	POWERGRID	SR
	Augmentation of 1x1500 MVA 765/400 kV ICT (7th) at Kurnool-II PS	SA	765/400		1500	Mar-27	Mar-27	POWERGRID	SR

	2 nos. of 400 kV line bays at Kurnool-III PS for termination of dedicated transmission line of M/s Adani Renewable Energy Forty Two Ltd.	Bay Ext.	400			Jun-26	Dec-26	POWERGRID	SR
	4 nos. of 400 kV line bay at Kurnool-III PS for termination of dedicated transmission lines of M/s Indosol Solar Pvt. Ltd.	Bay Ext.	400			02 Nos. by 27-Mar-27 02 Nos. by 31-Mar-27	02 Nos. by 27-Mar-27 02 Nos. by Dec'27	POWERGRID	SR
	2 nos. of 400 kV line bays at Kurnool-III PS for termination of dedicated transmission line of M/s Adani Renewable Energy Fifty One Ltd.	Bay Ext.	400			Dec-27	Dec-27	POWERGRID	SR
10	Establish Transmission System for 400 kV Udupi (UPCL) – Kasargode D/C Line					Nov-22	Jun-26	Sterlite	SR
	Mangalore (Udupi PCL) –Kasargode 400kV D/c line	TL	400			Nov-22	Jun-26	Sterlite	SR
	Establishment of 2x500MVA, 400/220 kV GIS substation at Kasargode	SN	400/220kV		1000	Nov-22	Completed	Sterlite	SR
11	Transmission System for Integration of Anantapur-II REZ - Phase-I (for 4.5 GW)					Mar-27	Mar-27	Sterlite	SR
	Establishment of 4x1500 MVA, 765/400 & 6x500 MVA, 400/220 kV Ananthapuram-II Pooling Station near Kurnool, Andhra Pradesh along with 2x330 MVAR (765 kV) bus reactors at Ananthapuram-II PS with provision of two (2) sections of 4500 MVA each at 400 kV level	SN	765/400/220kV		9000	Mar-27	Mar-27	Sterlite	SR
	Ananthapuram-II – Davangere 765 kV D/c line (about 150km) with 240 MVAR SLR (convertible) at Ananthapuram-II end on both circuits	TL	765		180	Mar-27	Mar-27	Sterlite	SR
	Ananthapuram-II – Cuddapah 765 kV D/c line (about 200km) with 330 MVAR SLR (convertible) at Ananthapuram-II end on both circuits	TL	765		432	Mar-27	Mar-27	Sterlite	SR
	+300 MVAR STATCOM at Ananthapuram-II PS along with 2x125 MVAR MSR	STAT				Mar-27	Mar-27	Sterlite	SR
12	ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region					Jul-24	Jun-26	Adani	SR
	Narendra New (GIS) – Pune (GIS) 765kV D/c line with 1x330MVAR switchable line reactor(SLR) on each ckt at both ends	TL	765		641	Jul-24	Jun-26	Adani	SR
	Upgradation of Narendra (New) (GIS) to its rated voltage of 765 kV level along with 4x1500 MVA transformer and 2x330 MVAR Bus Reactor(BR).	SA	765/400		6000	Jul-24	Jun-26	Adani	SR
13	Transmission Scheme for Solar Energy Zone in Gadag (1500 MW), Karnataka – Part-A, Phase-II					May-24	Mar-26	Renew	SR
	Gadag Pooling station – Koppal Pooling Station 400kV D/c line	TL	400		100	May-24	Mar-26	Renew	SR

	400/220 kV, 3x500MVA ICT Augmentation at Gadag Pooling Station	SA	400/220		1500	May-24	Completed	Renew	SR
	2 nos. of 400 kV line bays at each end of Gadag PS and Koppal PS 400 kV D/c line	Bay Ext.	400			May-24	Completed	Renew	SR
14	Transmission scheme for integration of Tumkur-II REZ in Karnataka					Sep-26	Sep-26	GR Infra	SR
	Establishment of 400/220 kV 4x500 MVA Pooling Station near Tumkur, Karnataka	SN	400/220kV		2000	Sep-26	Sep-26	GR Infra	SR
	Tumkur-II – Tumkur(Pavagada) 400 kV (Quad ACSR moose) D/c line	TL	400	53		Sep-26	Sep-26	GR Infra	SR
	2x125 MVA, 420 kV bus reactors at Tumkur-II PS	Reactor	420			Sep-26	Sep-26	GR Infra	SR
15	Transmission Scheme for integration of Bijapur REZ in Karnataka					Jan-27	Jan-27	GR Infra	SR
	Establishment of 400/220 kV, 5x500 MVA Pooling Station near Bijapur (Vijayapura), Karnataka	SN	400/220kV		2500	Jan-27	Jan-27	GR Infra	SR
	Bijapur PS – Raichur New 400kV (Quad ACSR moose) D/c line	TL	400	276		Jan-27	Jan-27	GR Infra	SR
	2x125MVA 420kV bus reactors at Bijapur PS	Reactor	420			Jan-27	Jan-27	GR Infra	SR
16	Inter-Regional Strengthening between SR Grid and WR Grid					Oct-27	Oct-27	POWERGRID	SR
	Parli New – Bidar 765 kV D/c line (about 120 km) with 240 MVAR SLR at Bidar end on both circuits	TL	765	217		Oct-27	Oct-27	POWERGRID	SR
	765 kV line bays – 2 Nos. (at Bidar PS)	BE	765			Oct-27	Oct-27		
	765 kV line bays – 2 Nos. (at Parli New)	BE	765			Oct-27	Oct-27		
17	Transmission system strengthening at Davanagere for integration of RE generation					Sep-27	Sep-27	POWERGRID	SR
	Augmentation of transformation capacity by 4x500 MVA, 400/220kV ICTs (5th – 8th at Davanagere PS)	SA	400/220kV		2000	Sep-27	Sep-27	POWERGRID	SR
	2 Nos. of 220kV line bays atDavanagere / Chitradurga PS for termination of dedicated transmission lines of RE generation projects.	Bay Ext.	220			Sep-27	Sep-27	POWERGRID	SR
	Augmentation of Davanagere / Chitradurga PS by 765/400kV, 1x1500 MVA ICTs	SA	765/400kV		1500	Sep-27	Sep-27	POWERGRID	SR
18	Transmission System for Integration of Ananthapuram-II REZ - Phase-II (3 GW)					Progressively from Oct-27 to Apr-28	Progressively from Oct-27 to Apr-28	Shivalaya Construction	SR
	Augmentation of Ananthapuram-II PS by 400/220 kV, 1x500 MVA	SA	400/220kV		500	Oct-27	Oct-27	Shivalaya Construction	SR
	220 kV line bays at Ananthapuram-II PS for termination of dedicated transmission lines of RE generation projects"	Bay Ext.	220			Oct-27	Oct-27	Shivalaya Construction	SR
	400 kV line bays at Ananthapuram-II PS for termination of dedicated transmission line of RE generation projects	Bay Ext.	400			Oct-27	Oct-27	Shivalaya Construction	SR
	Augmentation of Ananthapuram-II PS by 765/400 kV, 2x1500 MVA and 400/220 kV, 6x500 MVA ICTs	SA	765/400kV		6000	Apr-28	Apr-28	Shivalaya Construction	SR
	220 kV line bays at Ananthapuram-II PS for termination of dedicated transmission lines of RE generation projects	Bay Ext.	220			Apr-28	Apr-28	Shivalaya Construction	SR
	Establishment of 3x1500 MVA, 765/400 kV CN'Halli Station with 2x330 MVA (765 kV) bus reactors	SA	765/400		4500	Apr-28	Apr-28	Shivalaya Construction	SR

Ananthapuram-II PS – CN'Halli 765 kV D/c line (about 180 km) with 330 MVar SLR at Ananthapuram-II end on both circuits	TL	765	363		Apr-28	Apr-28	Shivalaya Construction	SR
LILO of one circuit of Talaguppa - Neelmangala 400 kV D/c line at CN'Halli (25 km)	TL	400	19		Apr-28	Apr-28	Shivalaya Construction	SR
LILO at CN'Halli of already LILOed section of one circuit of Talaguppa - Neelmangala 400 kV line at Hassan	TL	400	36		Apr-28	Apr-28	Shivalaya Construction	SR

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