

Status of ISTS- TCBP projects - SR

As on 31.03.2026

Sl.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	Apr-26	POWERGRID	SR	
	7x500 MVA , 400/220 KV Ananthpuram S/s	SN	400/220		3500	Sep-25	Apr-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	Apr-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	Charged	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	
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	
	Augmentation by 3x1500 MVA (5th, 6th & 7th), 765/400kV ICTs at Koppal-II PS	SA	765/400		4500	Dec-25	Aug-26	POWERGRID	SR	
	Augmentation by 5x500 MVA, 400/220kV ICTs (5th, 6th, 7th, 8th & 9th) at Koppal-II PS	SA	400/220		2500	Dec-25	Aug-26	POWERGRID	SR	
6	Augmentation by 7x500 MVA, 400/220kV ICTs (3rd, 4th, 5th, 6th, 7th, 8th & 9th) at Gadag-II PS	SA	400/220		3500	3 ICTs by Dec 25 & 4 ICTs by 16.01.2027	Jan-27	POWERGRID	SR	

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	6 nos. of 220kV line bay at Koppal-II PS for termination of dedicated Connectivity transmission line of RE developers	Bay Ext.	220			02 nos. bay by Dec'25 02 nos. bay by Mar'26 01 nos. bay by Jan'26 01 nos. bay by Dec'26	02 nos. bay by Aug'26 02 nos. bay by Aug'26 01 nos. bay by Aug'26 01 nos. bay by Dec'26	POWERGRID	SR
	1 No. of 400kV line bay at Gadag-II PS for termination of dedicated transmission line of RE developers	Bay Ext.				Dec-25	Aug-26	POWERGRID	SR
	5 Nos. of 220 kV line bays at Gadag-II PS for termination of dedicated transmission line of RE developers	Bay Ext.				02 nos. bay by Dec'25 01 nos. bay by July'26 01 nos. bay by Mar'27 01 nos. bay by Jun'27	02 nos. bay by Aug'26 01 nos. bay by July'26 01 nos. bay by Mar'27 01 nos. bay by Jun'27	POWERGRID	SR
6	Augmentation of transformation capacity at Bidar PS (SPV Name: POWERGRID Bidar Augmentation Transmission Limited)					Progressively from Feb-27 to Jun-27	Progressively from Feb-27 to Jun-27	POWERGRID	SR
	Augmentation by 1x1500 MVA (4th), 765/400kV ICT at Bidar PS	SA	765/400		1500	Feb-27	Feb-27	POWERGRID	SR
	Augmentation by 3x500 MVA, 400/220kV ICTs (6th, 7th, & 8th) at Bidar PS	SA	400/220		1500	Feb-27	Feb-27	POWERGRID	SR
	01 No. of 220kV Line Bay at Bidar PS for termination of dedicated transmission lines of M/s Quest Hybren Pvt. Ltd.	Bay Ext.	220			Jun-27	Jun-27	POWERGRID	SR
	01 No. of 220kV Line Bay at Bidar PS for termination of dedicated transmission lines of M/s Pulse Hybren Pvt. Ltd.	Bay Ext.	220			May-27	May-27	POWERGRID	SR
7	Transmission System for Integration of Kurnool-IV REZ – Phase-I (for 4.5 GW) (SPV Name: POWERGRID Kurnool-IV Transmission Limited)					Mar-27	Mar-27	POWERGRID	SR
	Establishment of 4x1500 MVA, 765/400 kV and 4x500 MVA, 400/220 kV Kurnool-IV Pooling Station	SN			8000	Mar-27	Mar-27	POWERGRID	SR
	Kurnool-IV – Bidar 765 kV D/C line	TL	765	693		Mar-27	Mar-27	POWERGRID	SR
	Kurnool-IV – Kurnool-III PS 765 kV D/C line	TL	765	242		Mar-27	Mar-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

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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 MVA (765kV) bus reactors at Davanagere/Chitradurga PS • 765 kV, 330 MVA Bus Reactor – 2 Nos. (7x110 MVA 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
	2x125MVA 420kV bus reactors at Bellary PS • 420 kV, 125 MVA bus reactors – 2 nos. • 420 kV, 125 MVA 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 31-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 Fifty One Ltd.	Bay Ext.	400			Dec-27	Dec-27	POWERGRID	SR

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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	Physically completed.	Sterlite	SR	
11	Transmission System for Integration of Ananthapur-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 Kurmool, 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	Oct-26(Aug-26 with best efforts)	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	Oct-26(Aug-26 with best efforts)	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	Oct-26(Aug-26 with best efforts)	Adani	SR
13	Transmission Scheme for Solar Energy Zone in Gadag (1500 MW), Karnataka – Part-A, Phase-II					May-24	Completed in Mar'26	Renew	SR	
	Gadag Pooling station – Koppal Pooling Station 400kV D/c line	TL	400		100		May-24	Completed in Mar-26	Renew	SR
	400/220 kV, 3x500MVA ICT Augmentation at Gadag Pooling Station	SA	400/220			1500	May-24	Completed in Mar-26	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 in Mar-26	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 MVAR, 420 kV bus reactors at Tumkur-II PS	Reactor	420				Sep-26	Sep-26	GR Infra	SR

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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
	2x125MVAr 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 at Davanagere / 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 MVAr (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
19	Transmission system strengthening for integration of additional RE potential at Davanagere (0.25 GW) and Bellary (2.75 GW)					Feb-28	Feb-28	POWERGRID	SR
	Augmentation of transformation capacity by 2x1500 MVA, 765/400 kV ICTs (6th & 7th) at Davanagere PS	SA	765/400		3000	Feb-28	Feb-28	POWERGRID	SR
	4 Nos. of 220 kV line bays and 1 No. of 400 kV line bay at Davanagere PS for termination of dedicated transmission lines of RE generation projects.	Bay Ext.	220			Feb-28	Feb-28	POWERGRID	SR
	Augmentation of Bellary PS by 400/220 kV, 6x500 MVA ICTs	SA	400/220		3000	Feb-28	Feb-28	POWERGRID	SR
	Bellary – Davanagere 2nd 400 kV (Quad) D/c line ()	TL	400	80		Feb-28	Feb-28	POWERGRID	SR

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	5 Nos. of 220 kV line bays at Bellary PS for termination of dedicated transmission lines of RE developers	Bay Ext.	220			Feb-28	Feb-28	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