

Status of ISTS- RTM Projects - ER

As on 31.12.2025

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	Eastern region expansion scheme-XXIX (ERES-XXIX)				Nov-25	Completed	POWERGRID	ER
	Reconductoring of Jharsuguda/Sundargarh (PG) – Rourkela (PG) 400kV 2xD/c Twin Moose line with Twin HTLS conductor (with ampacity of equivalent to single HTLS as 1228 A at nominal voltage).	REC Completed	400		Nov-25	Completed	POWERGRID	ER
	Bay Upgradation work at Rourkela (PG) SS	BU Completed			Nov-25	Completed	POWERGRID	ER
2	ERES-XXXVII				May-25	Jan-26	POWERGRID	ER
	"Augmentation at 400/220KV lakhisarai (POWERGRID) S/s 400/220KV , 1x500 MVA ICT = 02 No. 400KV ICT Bay: 02 Nos. Creation of 220KV level in GIS at lakhisarai (POWERGRID) 400/132KV S/s 220KV GIS line bay= 02 No. 220KV GIS Bus Coupler bay= 01 No. 220KV GIS ICT Bay= 02 No."	SA	400/220	1000	NER	Jan-26	POWERGRID	ER
3	Eastern Region Expansion Scheme - XXXVIII (ERES- XXXVIII)				Oct-25	May-26	POWERGRID	ER
	Shifting of ranchi (POWERGRID)-Raghunathpur (DVC) 400KV D/c (Quad) line to bays 431 & 434 at ranchi (POWERGRID)	TL	400		Oct-25	May-26	POWERGRID	ER
	Bay Extension at New Ranchi SS with installation of 2x80 MVA Line Reactors	BE			Oct-25	May-26	POWERGRID	ER
	Bay Extension at Ranchi SS with shifting of existing Bus Reactor	BE			Oct-25	May-26	POWERGRID	ER
4	Eastern Region Strengthening Scheme-XXVII (ERSS-XXVII)				Oct-23	Completed	POWERGRID	ER
	Extension at 400kV Alipurduar (POWERGRID) SS (1x125MVA Bus Reactor)	BE Completed			Oct-23	Completed	POWERGRID	ER
	Extension at 400kV Kahalgaon (NTPC) SS (1x63MVA 420kV SLR Reactor with 500ohm NGR each in both circuits Durgapur-Kahalgaon line	BE Completed			Oct-23	Completed	POWERGRID	ER
5	Eastern region expansion scheme-XXX (ERSS-XXX)				Aug-24	Completed	POWERGRID	ER

	Ext. at 132kV Gangtok (POWERGRID) SS Installation of existing spare 132/66kV, 1x50MVA ICT (already stationed at Gangtok) as 3rd ICT at Gangtok (POWERGRID) S/s along with conversion of existing 132kV TBC bay as 132kV ICT bay for 3rd ICT and construction of new 66kV ICT bay in Hybrid/Outdoor GIS with suitable modification in the gantry structure of 66kV side. Construction of new 132kV TBC bay in Hybrid/Outdoor GIS.	SA Completed	132/66	50	Aug-24	Completed	POWERGRID	ER
6	ERES-XXXII				Jul-24	Dec-25	POWERGRID	ER
	Installation of new 420kV 1X125MVAR bus reactor along with associated bay at Durgapur (POWERGRID) S/s in split bus section-A (which is not having ICT) Note: The existing 50MVAR (3X16.67MVAR) bus reactor at Durgapur S/s in bus section-A may be decommissioned prior to installation of new 420kV 1X125MVAR bus reactor as indicated above	BE			Jul-24	Completed	POWERGRID	ER
7	Eastern Region Expansion Scheme-XXXV (ERES-XXXV)				Dec-24	Completed	POWERGRID	ER
	Bypass Arrangement at Rangpo SS-132KV SC Lines	BE Completed			Dec-24	Completed	POWERGRID	ER
8	Eastern Region Expansion Scheme-XL (ERES-XL)				Feb-25	Jun-26	POWERGRID	ER
	Replacement of Existing 1X63 MVAR Fixed line Reactor at malda end installed in each ckt of Purnea Malda 400KV D/c Line with New 1x63 MVAR switchable Line Reactor incl. NGR bypassing Scheme	BE			Feb-25	Jun-26	POWERGRID	ER
9	Eastern Region Expansion Scheme-41 (ERES -41)				Jul-25	Dec-26	POWERGRID	ER
	500MVA 400/220KV ICT-3 AT RAJARHAT	SA	400/220	500	Jul-25	Dec-26	POWERGRID	ER
10	Eastern Region Bay Scheme-I (ERBS-I)				Sep-26	Nov-27	POWERGRID	ER
	Extension at pandiabili 400/220KV GIS Substation	BE			Sep-26	Nov-27	POWERGRID	ER
11	Eastern Region Bay Scheme-II (ERBS-II)				Jul-26	Sep-27	POWERGRID	ER
	Extension at Rangpo 400/220/132KV GIS Substation	BE			Jul-26	Sep-27	POWERGRID	ER
12	Eastern Region Expansion Scheme-42 (ERES-42)				Sep-26	Jul-27	POWERGRID	ER
	Installation of new 1x500MVA, 400/220KV (3rd) ICT at pandiabili (POWERGRID) S/S along with associated bays at 220KV level	SA	400/220	500	Sep-26	Jul-27	POWERGRID	ER
13	Eastern Region Expansion Scheme-43 (ERES-43)				Mar-26	Jun-26	POWERGRID	ER

	Reconductoring of Kahalgaon (NTPC)-Farakka (NTPC) 400KV D/C (Twin Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1228A)	REC			Mar-26	Jun-26	POWERGRID	ER
	Reconductoring of talcher (NTPC)-Meramundali (OPTCL) 400KV D/c (Twin Moose) line (one circuit via Angul and bypassed at Angul) with Twin HTLS conductor (with ampacity of single HTLS as 1228A)	REC			Mar-26	Jun-26	POWERGRID	ER
	Upgradation of associated 400KV Bay equipment at kahalgaon (NTPC)	BE			Mar-26	Jun-26	POWERGRID	ER
	Upgradation of associated 400KV bay equipment at Farakka (NTPC)	BE			Mar-26	Jun-26	POWERGRID	ER
	Upgradation of associated 400KV Bay equipment at Talcher (NTPC)	BE			Mar-26	Jun-26	POWERGRID	ER
	Upgradation of associated 400KV bay equipment at meramundali (OPTCL)	BE			Mar-26	Jun-26	POWERGRID	ER
14	Eastern Region Expansion Scheme-44 (ERES-44)				May-26	Mar-27	POWERGRID	ER
	Reconductoring of ISTS portion of Alipurduar (POWERGRID) – Falakata (WBSETCL) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Mar-27	POWERGRID	ER
	Reconductoring of ISTS portion of Falakata (WBSETCL) –Birpara (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Mar-27	POWERGRID	ER
	Reconductoring of Birpara (POWERGRID) – Binaguri (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Mar-27	POWERGRID	ER
	Reconductoring of Binaguri (POWERGRID) – Siliguri (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Mar-27	POWERGRID	ER
	Reconductoring of Siliguri (POWERGRID) – Kishanganj (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Mar-27	POWERGRID	ER
	Reconductoring of Kishanganj (POWERGRID) – Dalkhola (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Mar-27	POWERGRID	ER
	Reconductoring of ISTS portion of Dalkhola (POWERGRID) – Gazole (WBSETCL) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Mar-27	POWERGRID	ER
	Reconductoring of ISTS portion of Gazole (WBSETCL) –Malda (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Mar-27	POWERGRID	ER

	Upgradation of associated 220 kV bay equipment at Alipurduar (POWERGRID)	BE			May-26	Mar-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Birpara (POWERGRID)	BE			May-26	Mar-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Binaguri (POWERGRID)	BE			May-26	Mar-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Siliguri (POWERGRID)	BE			May-26	Mar-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Dalkhola (POWERGRID)	BE			May-26	Mar-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Malda (POWERGRID)	BE			May-26	Mar-27	POWERGRID	ER
	Supply and installation of OPGW along with terminal equipment at both ends of Siliguri (POWERGRID) – Kishanganj (POWERGRID) 220 kV D/c (HTLS) line	BE			May-26	Mar-27	POWERGRID	ER
15	WR-ER Inter-Regional Network Expansion Scheme- Part B				Aug-27	Aug-27	Indigrid	ER
	Reconductoring of LILO point to New PPSP line section of Ranchi (New) – New PPSP 400kV D/c line with Twin HTLS (ampacity of single HTLS as 1574A at nominal voltage level) of line length 27km	REC	400		Aug-27	Aug-27	Indigrid	ER