

Status of ISTS- RTM Projects - ER

As on 30.06.2026

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	Eastern Region Expansion Scheme - XXXVIII (ERES-XXXVIII)				Oct-25	Jul-26	POWERGRID	ER
	Shifting of ranchi (POWERGRID)-Ragunathpur (DVC) 400KV D/c (Quad) line to bays 431 & 434 at ranchi (POWERGRID)	TL	400		Oct-25	Completed	POWERGRID	ER
	Bay Extension at New Ranchi SS with installation of 2x80 MVar Line Reactors	BE			Oct-25	Jul-26	POWERGRID	ER
	Bay Extension at Ranchi SS with shifting of existing Bus Reactor	BE			Oct-25	Completed	POWERGRID	ER
2	Eastern Region Expansion Scheme-XL (ERES-XL)				Feb-25	Aug-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	Aug-26	POWERGRID	ER
3	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
4	Eastern Region Bay Scheme-I (ERBS-I)				Sep-26	Feb-28	POWERGRID	ER
	Extension at pandiabli 400/220KV GIS Substation	BE			Sep-26	Feb-28	POWERGRID	ER
5	Eastern Region Bay Scheme-II (ERBS-II)				Jul-26	Dec-27	POWERGRID	ER
	Extension at Rangpo 400/220/132KV GIS Substation	BE			Jul-26	Dec-27	POWERGRID	ER
6	Eastern Region Expansion Scheme-42 (ERES-42)				Sep-26	Jul-27	POWERGRID	ER
	Installation of new 1x500MVA, 400/220KV (3rd) ICT at pandiabli (POWERGRID) S/S along with associated bays at 220KV level	SA	400/220	500	Sep-26	Jul-27	POWERGRID	ER
7	Eastern Region Expansion Scheme-43 (ERES-43)				Mar-26	Dec-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	Dec-26	POWERGRID	ER

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	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	Dec-26	POWERGRID	ER
	Upgradation of associated 400KV Bay equipment at kahalgaon (NTPC)	BE			Mar-26	Dec-26	POWERGRID	ER
	Upgradation of associated 400KV bay equipment at Farakka (NTPC)	BE			Mar-26	Dec-26	POWERGRID	ER
	Upgradation of associated 400KV Bay equipment at Talcher (NTPC)	BE			Mar-26	Dec-26	POWERGRID	ER
	Upgradation of associated 400KV bay equipment at meramundali (OPTCL)	BE			Mar-26	Dec-26	POWERGRID	ER
8	Eastern Region Expansion Scheme-44 (ERES-44)				May-26	Sep-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	Sep-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	Sep-27	POWERGRID	ER
	Reconductoring of Birpara (POWERGRID) – Binaguri (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Sep-27	POWERGRID	ER
	Reconductoring of Binaguri (POWERGRID) – Siliguri (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Sep-27	POWERGRID	ER
	Reconductoring of Siliguri (POWERGRID) – Kishanganj (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Sep-27	POWERGRID	ER
	Reconductoring of Kishanganj (POWERGRID) – Dalkhola (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Sep-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	Sep-27	POWERGRID	ER

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	Reconductoring of ISTS portion of Gazole (WBSETCL) –Malda (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			May-26	Sep-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Alipurduar (POWERGRID)	BE			May-26	Sep-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Birpara (POWERGRID)	BE			May-26	Sep-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Binaguri (POWERGRID)	BE			May-26	Sep-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Siliguri (POWERGRID)	BE			May-26	Sep-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Dalkhola (POWERGRID)	BE			May-26	Sep-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Malda (POWERGRID)	BE			May-26	Sep-27	POWERGRID	ER
9	WR-ER Inter-Regional Network Expansion Scheme-Part B				Aug-27	Aug-27	Indigrd	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	Indigrd	ER
10	Pusauli HVDC Ugradation				Feb-31	Feb-31	POWERGRID	ER
	Upgradation existing of 500MW LCC based HVDC Back-to-Back (BTB) at Pusauli (Sasaram) 1000MW VSC				Feb-31	Feb-31	POWERGRID	ER
11	Eastern Region Expansion Scheme-49: Jeypore Bus Reactor				Feb-28	Feb-28	POWERGRID	ER
	Installation of a new 420kV, 125 MVAr bus reactor at Jeypore (POWERGRID) S/s	BR	400		Feb-28	Feb-28	POWERGRID	ER
12	Eastern Region Bay Scheme-III: Maithon bays for Dendua line				Dec-28	Dec-28	POWERGRID	ER
	Extension at Maithon (POWERGRID) 400/220kV S/s	BE	400/220		Dec-28	Dec-28	POWERGRID	ER
13	Eastern Region Expansion Scheme-50: Spare reactor at Sundargarh				Dec-27	Dec-27	POWERGRID	ER
	Extension at Sundargarh (POWERGRID) 765/400kV S/s	BE	765		Dec-27	Dec-27	POWERGRID	ER
14	Eastern Region Expansion Scheme-52: Purnea 220/132kV 4th ICT				Mar-28	Mar-28	POWERGRID	ER

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	Installation of a new 220/132kV, 1x200MVA ICT (4th) at Purnea (POWERGRID) S/s along with associated bay	SA	220/132	200	Mar-28	Mar-28	POWERGRID	ER

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