Status of ISTS- RTM Projects - ER

As on 31.10.2026

Sr.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)**				**25-Oct-25**	**Completed**	**POWERGRID**	**ER**
	Shifting of ranchi (POWERGRID)-Raghunathpur (DVC) 400KV D/c (Quad) line to bays 431 & 434 at ranchi (POWERGRID)	TL	400		25-Oct-25	Completed	POWERGRID	ER
	Bay Extension at New Ranchi SS with installation of 2x80 MVAr Line Reactors	BE			25-Oct-25	Completed	POWERGRID	ER
	Bay Extension at Ranchi SS with shifting of existing Bus Reactor	BE			25-Oct-25	Completed	POWERGRID	ER
2	**Eastern Region Expansion Scheme-XL (ERES-XL)**				**7-Feb-25**	**31-Dec-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			7-Feb-25	31-Dec-26	POWERGRID	ER
3	**Eastern Region Expansion Scheme-41 (ERES -41)**				**25-Jul-25**	**31-Dec-26**	**POWERGRID**	**ER**
	500MVA 400/220KV ICT-3 AT RAJARHAT	SA	400/220	500	26-Jul-25	31-Dec-26	POWERGRID	ER
4	**Eastern Region Bay Scheme-I (ERBS-I)**				**30-Sep-26**	**31-Mar-28**	**POWERGRID**	**ER**
	Extension at pandiabili 400/220KV GIS Substation	BE			30-Sep-26	31-Mar-28	POWERGRID	ER
5	**Eastern Region Bay Scheme-II (ERBS-II)**				**30-Jul-26**	**31-Jan-28**	**POWERGRID**	**ER**
	Extension at Rangpo 400/220/132KV GIS Substation	BE			30-Jul-26	31-Jan-28	POWERGRID	ER
6	**Eastern Region Expansion Scheme-42 (ERES-42)**				**30-Sep-26**	**30-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	30-Sep-26	30-Jul-27	POWERGRID	ER
7	**Eastern Region Expansion Scheme-43 (ERES-43)**				**2-Mar-26**	**31-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			2-Mar-26	31-Dec-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			2-Mar-26	31-Dec-26	POWERGRID	ER
	Upgradation of associated 400KV Bay equipment at kahalgaon (NTPC)	BE			2-Mar-26	31-Dec-26	POWERGRID	ER
	Upgradation of associated 400KV bay equipment at Farakka (NTPC)	BE			2-Mar-26	31-Dec-26	POWERGRID	ER
	Upgradation of associated 400KV Bay equipment at Talcher (NTPC)	BE			2-Mar-26	31-Dec-26	POWERGRID	ER

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As on 31.10.2026

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	Upgradation of associated 400KV bay equipment at meramundali (OPTCI)	BE			2-Mar-26	31-Dec-26	POWERGRID	ER
8	**Eastern Region Expansion Scheme-44 (ERES-44)**				**22-May-26**	**30-Nov-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			22-May-26	30-Nov-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			22-May-26	30-Nov-27	POWERGRID	ER
	Reconductoring of Birpara (POWERGRID) – Binaguri (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			22-May-26	30-Nov-27	POWERGRID	ER
	Reconductoring of Binaguri (POWERGRID) – Siliguri (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			22-May-26	30-Nov-27	POWERGRID	ER
	Reconductoring of Siliguri (POWERGRID) – Kishanganj (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			22-May-26	30-Nov-27	POWERGRID	ER
	Reconductoring of Kishanganj (POWERGRID) – Dalkhola (POWERGRID) 220 kV D/c line with HTLS conductor of ampacity 1250 A	REC			22-May-26	30-Nov-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			22-May-26	30-Nov-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			22-May-26	30-Nov-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Alipurduar (POWERGRID)	BE			22-May-26	30-Nov-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Birpara (POWERGRID)	BE			22-May-26	30-Nov-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Binaguri (POWERGRID)	BE			22-May-26	30-Nov-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Siliguri (POWERGRID)	BE			22-May-26	30-Nov-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Dalkhola (POWERGRID)	BE			22-May-26	30-Nov-27	POWERGRID	ER
	Upgradation of associated 220 kV bay equipment at Malda (POWERGRID)	BE			22-May-26	30-Nov-27	POWERGRID	ER
9	**WR-ER Inter-Regional Network Expansion Scheme-Part B**				**30-Dec-28**	**30-Dec-28**	**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		30-Dec-28	30-Dec-28	Indigrid	ER

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As on 31.10.2026

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10	**Pusauli HVDC Ugradation**				**12-Feb-31**	**12-Feb-31**	**POWERGRID**	**ER**
	Upgradation existing of 500MW LCC based HVDC Back-to-Back (BTB) at Pusauli (Sasaram) 1000MW VSC				12-Feb-31	12-Feb-31	POWERGRID	ER
11	**Eastern Region Expansion Scheme-49: Jeypore Bus Reactor**				**17-Feb-28**	**17-Feb-28**	**POWERGRID**	**ER**
	Installation of a new 420kV, 125 MVAr bus reactor at Jeypore (POWERGRID) S/s	BR	400		17-Feb-28	17-Feb-28	POWERGRID	ER
12	**Eastern Region Bay Scheme-III: Maithon bays for Dendua line**				**31-Dec-28**	**31-Dec-28**	**POWERGRID**	**ER**
	Extension at Maithon (POWERGRID) 400/220kV S/s	BE	400/220		31-Dec-28	31-Dec-28	POWERGRID	ER
13	**Eastern Region Expansion Scheme-50: Spare reactor at Sundargarh**				31-Dec-27	31-Dec-27	POWERGRID	ER
	Extension at Sundargarh (POWERGRID) 765/400kV S/s	BE	765		31-Dec-27	31-Dec-27	POWERGRID	ER
14	**Eastern Region Expansion Scheme-52: Purnea 220/132kV 4th ICT**				31-Mar-28	31-Mar-28	POWERGRID	ER
	Installation of a new 220/132kV, 1x200MVA ICT (4th) at Purnea (POWERGRID) S/s along with associated bay	SA	220/132	200	**31-Mar-28**	**31-Mar-28**	**POWERGRID**	**ER**
15	**ERES-48: Jeerat-Rajarhat-Subhasgram reconductoring**				**10-Dec-28**	**10-Dec-28**	**POWERGRID**	**ER**
	Reconductoring of Jeerat (WBSETCL) – Rajarhat (POWERGRID) 400kV S/c (Twin ACSR Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1516A)	REC			10-Dec-28	10-Dec-28	POWERGRID	ER
	Reconductoring of Jeerat (WBSETCL) – Subhasgram (POWERGRID) 400kV S/c line (Twin ACSR Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1516A)	REC			10-Dec-28	10-Dec-28	POWERGRID	ER
	Reconductoring of Rajarhat (POWERGRID) – Subhasgram (POWERGRID) 400kV S/c line (Twin ACSR Moose) line with Twin HTLS conductor (with ampacity of single HTLS as 1516A)	REC			10-Dec-28	10-Dec-28	POWERGRID	ER
	Upgradation of 400kV bay equipment at Jeerat (WBSETCL) S/s	BE			10-Dec-28	10-Dec-28	POWERGRID	ER
	Upgradation of 400kV bay equipment at Rajarhat (POWERGRID) S/s	BE			10-Dec-28	10-Dec-28	POWERGRID	ER
16	**ERES-51: Diameter completion at Sasaram (POWERGRID) S/s**				**21-Jan-29**	**21-Jan-29**	**POWERGRID**	**ER**
	Shifting works at Sasaram (POWERGRID) S/s				21-Jan-29	21-Jan-29	POWERGRID	ER
	Upgradation of 400kV Bay equipment at Sasaram (POWERGRID) S/s	BE			21-Jan-29	21-Jan-29	POWERGRID	ER

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	Dismantling of AIS equipment & associated interconnection arrangement of Bay no. 703 of the 765kV, 1x330MVAr Bus Reactor at Sasaram (POWERGRID) S/s				21-Jan-29	21-Jan-29	POWERGRID	ER
	765kV Bus extension works at Sasaram (POWERGRID) S/s	BE			21-Jan-29	21-Jan-29	POWERGRID	ER
	Dismantling and re-erection of existing 3 nos. of 765kV Bus CVTs on Main Bus-I at Sasaram (POWERGRID) S/s				21-Jan-29	21-Jan-29	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