

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 MVAr 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 Alipurdwar (POWERGRID) SS (1x125MVAr Bus Reactor) | BE Completed | | | Oct-23 | Completed | POWERGRID | ER |
| | Extension at 400kV Kahalgaon (NTPC) SS (1x63MVAr 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 |

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|-----------|--|--------------|---------|-----|---------------|------------------|------------------|-----------|
| | 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 |

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| | 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)-Meramundai (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 meramundai (OPTCI) | 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 |

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| | 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 |