

List of Critical ISTS Transmission lines under construction

a) Transmission Lines for which SCOD was on or prior to the last day of the considered month

As on 30.04.2026

Sl. No.	Region	Project Name	Elements/Description of Project	RTM/ TBCB	Name of Executing agency	SCOD of element	Anticipated COD of element	Actual Total length (ckm)
1	WR	Additional 400kV Feed to Goa and Additional System for Power Evacuation from Generation Projects pooled at Raigarh (Tamnar) Pool	LILO of one ckt. of Narendra (existing) - Narendra (New) 400kV D/c line at Xeldem	TBCB(LTTC)	Sterlite/Resonia	14-Jul-22	31-Dec-27	210
2	SR	Establish Transmission System for 400 kV Udupi (UPCL) – Kasargode D/C Line	Mangalore (Udupi PCL) –Kasargode 400kV D/c line	TBCB(LTTC)	Sterlite/Resonia	12-Nov-22	31-Dec-26	232
3	WR	Transmission network expansion in Gujarat to increase ATC from ISTS : Part B	Navsari (new) (South Gujarat) (GIS)-Kala (GIS) 400 kV D/c line (conductor with minimum capacity of 2100 MVA/Ckt at nominal voltage) with 63MVAR switchable line reactor on each ckt at Navsari (new) (GIS) end.	RTM	POWERGRID	30-Jun-23	31-May-26	91
4	SR	ISTS Network Expansion scheme in Western Region & Southern Region for export of surplus power during high RE scenario in Southern Region:	Narendra New (GIS) – Pune (GIS) 765kV D/c line with 1x330MVAR switchable line reactor(SLR) on each ckt at both ends	TBCB	Adani	16-Jul-24	31-Oct-26	636
5	NR	400 kV Khandukhal (Srinagar) - Rampura (Kashipur) D/c line	400 kV Khandukhal (Srinagar) - Rampura (Kashipur) D/c line	TBCB	Megha Engineering	30-Sep-24	31-Dec-26	384
6	SR	Evacuation of power from RE sources in Kurmool Wind Energy Zone (3000 MW)/Solar Energy Zone (AP) (1500MW) - Part-A & Part B	Kurmool –III PS – Maheshwaram (PG) 765 kV D/c Line	RTM	POWERGRID	30-Nov-24	31-May-26	507
7	NR	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part A3	Fatehgarh 3 - Bhadla-3 400kV D/c line(Quad) along with 63 MVAR Switchable line reactor for each circuit at both ends of Fatehgarh 3- Bhadla-3 400kV D/c line	TBCB	Apraava	02-Feb-25	30-Sep-26	446
8	NR	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part F	Fatehgarh-3– Beawar 765 kV D/c along with 330 MVAR Switchable line reactor for each circuit at each end of Fatehgarh-3– Beawar 765 kV D/c line	TBCB	Sterlite/Resonia	19-Mar-25	30-Jun-26	635
9	NR	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part F	LILO of both circuit of Ajmer-Chittorgarh 765 kV D/c at Beawar	TBCB	Sterlite/Resonia	19-Mar-25	31-May-26	136
10	NR	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part H	Beawar – Dausa 765 kV D/c line (240 km) along with 240 MVAR Switchable line reactor for each circuit at each end	TBCB	POWERGRID	30-Apr-25	30-Jun-26	474
11	NR	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part D	Sikar-II — Narela 765 kV D/c line along with 240 MVAR Switchable line reactor for each circuit at each end of Sikar-II — Narela 765 kV D/c line	TBCB	POWERGRID	09-Aug-25	30-Sep-26	473
12	NR	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part D	Sikar-II – Khetri 765 kV D/c line	TBCB	POWERGRID	09-Aug-25	30-Sep-26	145
13	SR	Transmission scheme for Solar Energy Zone in Ananthpuram (Ananthapur) (2500 MW) and Kumool (1000 Mw), Andhra Pradesh	Ananthpuram PS-Cuddapah 400 kV (Quad Moose) D/c Line	TBCB	POWERGRID	27-Sep-25	31-May-26	371
14	WR	Western Region Network Expansion scheme in Kallam area of Maharashtra	LILO of both circuits of Parli(M) – Karjat(M)/Lonikand-II (M) 400 kV D/c line (twin moose) at Kallam PS	TBCB	Indigrd	05-Oct-25	31-Oct-26	54

Sl. No.	Region	Project Name	Elements/Description of Project	RTM/ TBCB	Name of Executing agency	SCOD of element	Anticipated COD of element	Actual Total length (ckm)
15	ER	Eastern Region Expansion Scheme-XXXVIII (ERES-XXXVIII)	Shifting of Ranchi (POWERGRID) – Raghunathpur (DVC) 400kV D/c (Quad) line to bays 431 and 434 in diameters 431-432-433 and 434-435-436 at Ranchi (POWERGRID) end: about 1.27km new line section (refer note a).	RTM	POWERGRID	26-Oct-25	30-May-26	3
16	SR	Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A & B) and Gadag-II (Phase- A) in Karnataka	Gadag-II PS – Koppal-II PS 400 kV (Quad Moose) D/c line	TBCB	POWERGRID	26-Dec-25	30-Jun-26	77
17	SR	Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A & B) and Gadag-II (Phase- A) in Karnataka	Koppal-II PS – Narendra (New) 765 kV D/c line with 240 MVA SLR at Koppal-II PS end	TBCB	POWERGRID	26-Dec-25	30-Sep-26	237
18	SR	Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A & B) and Gadag-II (Phase- A) in Karnataka	Koppal-II PS – Raichur 765 kV D/c line with 330 MVA SLR at Koppal-II PS end	TBCB	POWERGRID	26-Dec-25	30-Jun-26	293
19	WR	Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part A	KPS2 (GIS) - Halvad 765 kV D/c line	TBCB	Adani	26-Dec-25	31-Dec-26	492
20	WR	Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part A	LILO of Lakadia – Ahmedabad 765 kV D/c line at Halvad	TBCB	Adani	26-Dec-25	30-Jun-26	68
21	WR	Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part B	Halvad – Vataman 765 kV D/c line	TBCB	POWERGRID	26-Dec-25	30-Sep-26	255
22	WR	Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part B	LILO of Lakadia – Vadodara 765 kV D/c line at Vataman 765 kV switching station	TBCB	POWERGRID	26-Dec-25	30-Jun-26	57
23	WR	Transmission system for evacuation of additional 7 GW RE power from Khavda RE park under Phase-III Part B	Vataman switching station – Navsari (New) (GIS) 765 kV D/c line	TBCB	POWERGRID	26-Dec-25	31-Dec-26	496
24	NR	Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-A	Bikaner-II PS – Bikaner-III PS 400 kV D/c line (Quad)	TBCB	POWERGRID	27-Dec-25	30-Jun-26	62
25	NR	Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-A	Bikaner-III - Neemrana-II 765 kV D/c line along with 330 MVA switchable line reactor for each circuit at each end	TBCB	POWERGRID	27-Dec-25	30-Apr-27	682
26	NR	Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-B	LILO of both ckts of 400 kV Gurgaon (PG) - Sohna Road (GPTL) D/c line (Quad) at Neemrana-II S/s	TBCB	Sterlite/Resonia	27-Dec-25	30-Apr-27	395
27	NR	Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-B	Neemrana-II -Kotputli 400 kV D/c line (Quad)	TBCB	Sterlite/Resonia	27-Dec-25	30-Apr-27	87
28	NR	Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-C	Bikaner-III - Neemrana-II 765 kV D/c line (2nd) along with 330 MVA switchable line reactor for each circuit at each end	TBCB	TATA POWER	27-Dec-25	30-Apr-27	692
29	NR	Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-D	Neemrana-II- Bareilly (PG) 765 kV D/c line along with 330 MVA switchable line reactor for each circuit at each end	TBCB	POWERGRID	27-Dec-25	30-Apr-27	666
30	SR	Transmission Scheme for Solar Energy Zone in Bidar (2500 MW), Karnataka.	Bidar PS – Maheshwaram (PG) 765 kV D/C line	TBCB	POWERGRID	09-Feb-26	30-Jun-26	480

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31	WR	Transmission scheme for evacuation of power from Dhule 2 GW REZ	Dhule PS – Dhule (BDTCL) 400 kV D/c (Quad ACSR/AAAC/AL59 Moose equivalent)	TBCB	Indigrd	09-Feb-26	31-Dec-26	131
32	WR	Western Region Expansion Scheme XXXIII (WRES-XXXIII): Part B	LILO of Satna-Gwalior 765 kV S/c line at Karera	TBCB	Apraava	09-Feb-26	31-Jul-26	85
33	WR	Western Region Expansion Scheme XXXIII (WRES-XXXIII): Part C	LILO of one circuit of Jabalpur - Orai 765 kV D/c line at Ishanagar 765 kV S/s (New)	TBCB	Indigrd	09-Feb-26	30-Jun-26	35
34	WR	Transmission System for Evacuation of Power from RE Projects in Rajgarh 1000MW SEZ in Madhya Pradesh – Phase- II	Pachora PS – Ujjain (MPPTCL) 400 kV D/c line (Quad ACSR/AAAC/AL59 Moose equivalent)	TBCB	GR Infra	14-Feb-26	15-May-26	118
35	NR	Transmission system for evacuation of power from REZ in Rajasthan (20 GW) under Phase-III Part D Phase II	Jhatikara – Dwarka 400kV D/c line (Twin HTLS*): (17km)[Monopole/Narrow Base/Normal towers]	RTM	POWERGRID	28-Feb-26	31-Dec-26	36
36	WR	Transmission System for Evacuation of Power from RE Projects in Solapur (1500 MW) SEZ in Maharashtra	Solapur PS – Solapur (PG) 400 kV D/c line (Quad ACSR/AAAC/AL59 moose equivalent)	TBCB	Torrent Power Limited	20-Mar-26	31-Oct-26	80

b) Transmission Lines for which SCOD is within next six months from the considered month.

37	NR	Transmission system strengthening to facilitate evacuation of power from Bhadla/Bikaner complex	400 kV Bareilly (765/400 kV) – Bareilly (PG) D/c line (Quad) (2nd)	RTM	POWERGRID	10-Jun-26	31-Aug-26	8
38	NR	Transmission scheme for evacuation of power from Ratle HEP (850 MW) & Kiru (624 MW) HEP : Part B	Bypassing both ckts of 400 kV Kishenpur – Samba D/c line (Twin) & 400 kV Samba – Jalandhar D/c line (Twin) at Samba and connecting them together to form 400 kV Kishenpur– Jalandhar D/c direct line (Twin) (4 Nos. of vacated 400 kV line bays at Samba S/s will be utilized for 400 kV Kishenpur-Samba D/c line (Quad) & 400 kV Samba- Jalandhar D/c line(Quad),	RTM	POWERGRID	13-Jul-26	30-Jun-27	1
39	WR	Network Expansion Scheme in Navinal (Mundra) area of Gujarat for drawal of power in the area	LILO of Bhuj-II – Lakadia 765 kV D/c line at Navinal(Mundra) (GIS) S/s with associated bays at Navinal (Mundra) (GIS) S/s	TBCB	Adani	14-Jul-26	31-Dec-26	257
40	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-D	Beawar- Mandsaur PS 765 kV D/c line along with 240 MVAR switchable line reactor for each circuit at each end	TBCB	POWERGRID	22-Aug-26	31-Dec-26	553
41	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-A	Fatehgarh-IV (Section-2) PS – Bhnmal (PG) 400 kV D/c line (Twin HTLS*) along with 50 MVAR switchable line reactor on each ckt at each end	TBCB	Apraava	22-Aug-26	31-Oct-26	369
42	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-A	LILO of both ckts of 765 kV Fatehgarh- III-Beawar D/c line at Fatehgarh-IV (Section-2) PS along with 330 MVAR switchable line reactor at Fatehgarh-IV PS end of each ckt of 765 kV Fatehgarh-IV-Beawar D/c line (formed after LILO)	TBCB	Apraava	22-Aug-26	31-Oct-26	31
43	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-B	Fatehgarh-IV (Section-2) PS – Sirohi PS 765 kV D/c line along with 240 MVAR switchable line reactor for each circuit at each end	TBCB	POWERGRID	22-Aug-26	31-Mar-27	413

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44	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-B	Sirohi PS-Chittorgarh (PG) 400 kV D/c line (Quad) along with 80 MVAR switchable line reactor for each circuit at Sirohi PS end	TBCB	POWERGRID	22-Aug-26	31-Mar-27	445
45	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-C	Mandsaur PS – Indore(PG) 765 kV D/c Line	TBCB	POWERGRID	22-Aug-26	28-Feb-27	338
46	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-E	LILO of one circuit of 765 kV Chittorgarh-Banaskanta D/c line at Rishabdeo S/s (20 km)	TBCB	POWERGRID	22-Aug-26	30-Apr-27	25
47	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-E	Rishabdeo - Mandsaur PS 765 kV D/c line along with 240 MVAR switchable line reactor for each circuit at Rishabdeo end	TBCB	POWERGRID	22-Aug-26	30-Apr-27	250
48	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-E	Sirohi PS- Rishabdeo 765 kV D/c line along with 330 MVAR switchable line reactor for each circuit at Sirohi end	TBCB	POWERGRID	22-Aug-26	30-Apr-27	421
49	NR	Transmission system strengthening for interconnections of Bhadla-III & BikanerIII complex	Bhadla-III – Bikaner-III 765 kV D/c line along with 240 MVAr switchable line reactor for each circuit at Bhadla-III end (line length~150 km) as well as associated 2 Nos. of 765kV line bay(s) at each at Bhadla-III & BikanerIII end	TBCB	POWERGRID	30-Aug-26	31-Mar-27	254
50	WR	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part A	KPS1 (GIS)– Bhuj PS 765 kV 2nd D/c line	TBCB	Adani	30-Aug-26	31-Oct-26	217
51	WR	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part A	KPS3 (GIS) – Lakadia (AIS) 765 kV D/C line	TBCB	Adani	30-Aug-26	31-Mar-27	404
52	SR	Transmission scheme for integration of Tumkur-II REZ in Karnataka	•Tumkur-II – Tumkur(Pavagada) 400 kV (Quad ACSR moose) D/c line	TBCB	GR Infra	03-Sep-26	03-Sep-26	53
53	WR	Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area	Halvad – Jamnagar 765 kV D/c line	TBCB	Adani	14-Oct-26	31-Mar-27	340
54	WR	Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area	Jamnagar – Jam Khambhaliya 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line	TBCB	Adani	14-Oct-26	31-Mar-27	100
55	WR	Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area	LILLO of both ckts of Kalavad – Bhogat 400kV D/c line (Twin AL-59) at Jam Khambhaliya PS	TBCB	Adani	14-Oct-26	31-Mar-27	40
56	WR	Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area	LILLO of CGPL – Jetpur 400kV D/c (triple snowbird) line at Jamnagar.	TBCB	Adani	14-Oct-26	31-Mar-27	260
57	WR	Network Expansion scheme in Gujarat for drawl of about 3.6 GW load under Phase-I in Jamnagar area	LILLO of Jam Khambhaliya PS – Lakadia 400 kV D/c (triple snowbird) line at Jamnagar.	TBCB	Adani	14-Oct-26	31-Mar-27	20
58	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1	Kurawar – Ashtha 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line	TBCB	POWERGRID	15-Oct-26	30-Jun-27	112

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59	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1	LILO of Indore – Bhopal 765 kV S/c line at Kurawar	TBCB	POWERGRID	15-Oct-26	30-Jun-27	52
60	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1	LILO of one circuit of Indore – Itarsi 400kV D/c line at Astha	TBCB	POWERGRID	15-Oct-26	30-Jun-27	112
61	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1	Mandsaur – Kurawar 765 kV D/c line	TBCB	POWERGRID	15-Oct-26	30-Jun-27	402
62	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-H1	Shujalpur – Kurawar 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line	TBCB	POWERGRID	15-Oct-26	30-Jun-27	59
63	WR	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part B	Ahmedabad – South Olpad (GIS) 765 kV D/c line	TBCB	POWERGRID	15-Oct-26	31-Oct-27	456
64	WR	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part B	LILO of Gandhar – Hazira 400 kV D/c line at South Olpad (GIS) using twin HTLS conductor with minimum capacity of 1700MVA per ckt at nominal voltage	TBCB	POWERGRID	15-Oct-26	31-Oct-27	8
65	WR	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part B	Vadodara (GIS) –South Olpad (GIS) 765 kV D/C line	TBCB	POWERGRID	15-Oct-26	31-Oct-27	266
66	WR	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C	Boisar-II (Sec-II) – Velgaon (MH) 400 kV D/c (Quad ACSR/AAAC/AL59 moose equivalent) line	TBCB	Sterlite/Resonia	15-Oct-26	31-Mar-27	50
67	WR	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C	LILO of Babhaleswar – Padghe (M) 400 kV D/c line at Boisar-II (Sec-I) using twin HTLS conductor with a minimum capacity of 1700 MVA per ckt at nominal voltage	TBCB	Sterlite/Resonia	15-Oct-26	31-Mar-27	116
68	WR	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C	LILO of Navsari (New) – Padghe (PG) 765 kV D/c line at Boisar-II	TBCB	Sterlite/Resonia	15-Oct-26	15-Oct-26	51
69	WR	Transmission System for Evacuation of Power from potential renewable energy zone in Khavda area of Gujarat under Phase-IV (7 GW): Part C	South Olpad (GIS) – Boisar-II (GIS) 765kV D/c line	TBCB	Sterlite/Resonia	15-Oct-26	31-Mar-27	465

Note: Transmission line meeting the criteria mentioned below are designated as critical transmission lines:
a) Transmission Lines for which SCOD was on or prior to the last day of the considered month
b) Transmission Lines for which SCOD is within next six months from the considered month.