

List of Critical ISTS Transmission lines under construction

As on 28.02.2026

Sl. No.	Region	Project Name	Transmission line	RTM/ TBCB	Name of Executing agency	SCOD of element	Anticipated COD of element
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	14-07-2022	31-03-2027
2	WR	Transmission network expansion in Gujarat to increase ATC from ISTS : Part B	Navsari (New) (South Gujarat) (GIS) — Padghe (GIS) 765 kV D/c line with 330 MVA, 765 kV Switchable line reactor on each ckt at Navsari(New) (South Gujarat) end.	RTM	POWERGRID	30-06-2023	31-05-2026
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 63MVA switchable line reactor on each ckt at Navsari (new) (GIS) end.	RTM	POWERGRID	30-06-2023	31-03-2026
4	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	09-02-2026	30-06-2026
5	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	26-12-2025	30-06-2026
6	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	26-12-2025	30-06-2026
7	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	26-12-2025	30-06-2026
8	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	26-12-2025	30-06-2026
9	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	26-12-2025	31-12-2026
10	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	14-02-2026	31-03-2026
11	WR	Western Region Expansion Scheme XXXIII (WRES-XXXIII): Part B	LILO of Satna-Gwalior 765 kV S/c line at Karera	TBCB	Apraava	09-02-2026	31-05-2026
12	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	09-02-2026	30-06-2026
13	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	05-10-2025	30-06-2026
14	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	14-07-2026	31-08-2026
15	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	30-08-2026	30-08-2026
16	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	30-08-2026	30-08-2026

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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	14-07-2022	31-03-2027
17	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	20-03-2026	30-06-2026
18	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	12-11-2022	30-06-2026
19	SR	Evacuation of power from RE sources in Kurnool Wind Energy Zone (3000 MW)/Solar Energy Zone (AP) (1500MW) - Part-A & Part B	Kurnool –III PS – Maheshwaram (PG) 765 kV D/c Line	RTM	POWERGRID	30-11-2024	31-03-2026
20	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	16-07-2024	30-06-2026
21	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	26-12-2025	30-06-2026
22	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 MVar SLR at Koppal-II PS end	TBCB	POWERGRID	26-12-2025	30-06-2026
23	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 MVar SLR at Koppal-II PS end	TBCB	POWERGRID	26-12-2025	30-06-2026
24	SR	Transmission scheme for Solar Energy Zone in Ananthapuram (Ananthapur) (2500 MW) and Kumool (1000 Mw), Andhra Pradesh	Ananthapuram PS-Cuddapah 400 kV (Quad Moose) D/c Line	TBCB	POWERGRID	27-09-2025	31-03-2026
25	SR	Transmission Scheme for Solar Energy Zone in Bidar (2500 MW), Karnataka.	Bidar PS – Maheshwaram (PG) 765 kV D/C line	TBCB	POWERGRID	09-02-2026	30-06-2026
26	NR	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part G	Fatehgarh-3– Beawar 765 kV D/c (2nd) 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	19-03-2025	31-03-2026
27	NR	400 kV Khandukhal (Srinagar) - Rampura (Kashipur) D/c line	400 kV Khandukhal (Srinagar) - Rampura (Kashipur) D/c line	TBCB	Megha Engineering	30-09-2024	30-06-2026
28	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	09-08-2025	30-06-2026
29	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	09-08-2025	30-06-2026
30	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	27-12-2025	31-03-2026

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1	WR	Additional 400kV Feed to Goa and Additional System for Power Evacuation from Generation Projects pooled at Raigarh (Tarnar) Pool	LILO of one ckt. of Narendra(existing) - Narendra (New) 400kV D/c line at Xeldem	TBCB(LTTC)	Sterlite/Resonia	14-07-2022	31-03-2027
31	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 MVAR switchable line reactor for each circuit at each end	TBCB	POWERGRID	27-12-2025	30-06-2026
32	NR	Transmission system for evacuation of power from Rajasthan REZ Ph-IV (Part1) (Bikaner Complex) Part-A	LILO of both ckts of 400kV Bikaner (PG)-Bikaner-II D/c line(Quad) at Bikaner-III PS	TBCB	POWERGRID	27-12-2025	31-03-2026
33	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	27-12-2025	31-12-2026
34	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	27-12-2025	31-12-2026
35	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 MVAR switchable line reactor for each circuit at each end	TBCB	TATA POWER	27-12-2025	30-06-2026
36	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 MVAR switchable line reactor for each circuit at each end	TBCB	POWERGRID	27-12-2025	30-06-2026
37	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	28-02-2026	31-12-2026
38	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	30-04-2025	30-04-2026
39	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	02-02-2025	31-08-2026
40	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	19-03-2025	31-05-2026
41	NR	Transmission system for evacuation of power from REZ in Rajasthan (20GW) under Phase III Part F	LILO of 400kV Kota –Merta line at Beawar	TBCB	Sterlite/Resonia	19-03-2025	31-03-2026
42	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	19-03-2025	30-04-2026
43	NR	Transmission System for Evacuation of Power from Rajasthan REZ Ph-IV (Part-2 : 5.5 GW) (Jaisalmer/Barmer Complex) Part-D	Beawar- Mandasaur PS 765 kV D/c line along with 240 MVAR switchable line reactor for each circuit at each end	TBCB	POWERGRID	22-08-2026	22-08-2026
44	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 – Bhinmal (PG) 400 kV D/c line (Twin HTLS*) along with 50 MVAR switchable line reactor on each ckt at each end	TBCB	Apraava	22-08-2026	22-08-2026

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45	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	22-08-2026	22-08-2026
46	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	10-06-2026	31-08-2026
47	NER	North Eastern Region Expansion Scheme-XVIII (NERES-XVIII)	One (1) new 132kV line bay at Melriat (GIS) (POWERGRID) S/s (of rating commensurate with rating of HTLS viz. 900A) for shifting of Melriat (GIS) (POWERGRID) — Zuangtui (Mizoram) 132kV HTLS line from existing bay and termination of the HTLS line in the new bay (0.5km including approx. 5 nos. towers)	RTM	POWERGRID	30-04-2025	31-03-2026
48	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	RTM	POWERGRID	26-10-2025	31-05-2026

Projects awarded till 31-Jan-2026 has been considered in the list.

Criteria for selection of Critical transmission lines:

Transmission line meeting the criteria mentioned below are designated as critical transmission lines.

- 1 Transmission lines for which SCOD was prior to 28.02.2026
- 2 Transmission lines for which SCOD was beyond 28.02.2026 and anticipated to be commissioned in next 6 months (i.e by 31.08.2026).