

Summary of Connectivity Margin in ISTS Substations

(all fig. in MW, as on 31-05-2025)

Sl. No.	Status of RE Pooling Stations	Potential (MW)*	Connectivity granted/agreed (MW)	Connectivity under process (MW)	Available Connectivity Margins (MW)	Additional Margin for Connectivity requiring new Augmentation / Tr. System
Southern Region						
A	Existing RE Pooling Stations	12050	13062	450	152	0
B	By Jun'25	4500	4100	0	0	0
	Total By Jun'25	16550	17162	450	152	0
C	Jul'25 to Dec'25 (Commissioning)	13000	15926	635	0	231
D	Beyond Dec'25 (Commissioning)	36500	31813	25702	12890	22000
	Sub-Total (SR)	66050	64901	26788	13042	22231
Western Region						
A	Existing RE Pooling Stations	16700	17042	0	0	0
C	By Jun'25	11500	12356	200	228	0
	Total By Jun'25	28200	29398	200	228	0
D	Jul'25 to Dec'25 (Commissioning)	11500	11214	0	200	0
E	Beyond Dec'25 (Commissioning)	27500	58824	20638	500	2050
	Subtotal (WR)	67200	99436	20838	928	2050
Northern Region						
A	Existing RE Pooling Stations	26880	29300	0	50	0
B	Jul'25 to Dec'25 (Commissioning)	10402	20036	0	0	0
C	Jan'26 to Jun'26 (Commissioning)	0	0	0	0	0
D	Beyond Jun26 (Commissioning)	111500	72996	1900	13000	15925
	Sub-Total (NR)	148782	122332	1900	13050	15925
North Eastern Region						
A	Beyond Dec'25 (Commissioning)	1000	750	0	250	1500
	Sub-Total (NER)	1000	750	0	250	1500
	Connectivity at Non-RE PS		9462	460		
	Total (All India)	283032	296880	49986	27270	41706
A	Existing RE Pooling Stations	55630	59403	450	202	0
B	By Jun'25	16000	16456	200	228	0
	Total By Jun'25	44750	46560	650	380	0
C	Jul'25 to Dec'25 (Commissioning)	34902	47176	635	200	231
D	Beyond Dec'25 (Commissioning)	176500	164383	48240	26640	41475
	Addl. Margins available on ISTS (Non-RE PS)	-		-	31751	

Note:

- For achievement of 500GW Target, 230 GW RE is to be integrated in ISTS, however, application for 346.87 GW RE has already been granted Connectivity/under process.
- The margins indicated may vary depending on network topology, Load-Generation balance, etc. For any clarification/information, CTU may be contacted.

* Potential includes planned BESS capacity