

Summary of Connectivity Margin in ISTS Substations

(all fig. in MW, as on 30-06-2025)

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	13312	600	52	0
B	By Jun'25	4500	4100	0	0	0
	Total By Jun'25	16550	17412	600	52	0
C	Jul'25 to Dec'25 (Commissioning)	13000	15400	935	300	0
D	Beyond Dec'25 (Commissioning)	36500	35300	21733	15220	21500
	Sub-Total (SR)	66050	68112	23269	15572	21500
Western Region						
A	Existing RE Pooling Stations	16700	17042	0	0	0
C	By Jun'25	11500	12156	200	428	0
	Total By Jun'25	28200	29198	200	428	0
D	Jul'25 to Dec'25 (Commissioning)	11500	11214	0	200	0
E	Beyond Dec'25 (Commissioning)	27500	58598	21843	500	1500
	Subtotal (WR)	67200	99010	22043	1128	1500
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)	107878	72996	7252	13000	10573
	Sub-Total (NR)	145160	122332	7252	13050	10573
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		10362	460		
	Total (All India)	279410	300565	53024	30000	35073
A	Existing RE Pooling Stations	55630	59653	600	102	0
B	By Jun'25	16000	16256	200	428	0
	Total By Jun'25	44750	46610	800	480	0
C	Jul'25 to Dec'25 (Commissioning)	34902	46650	935	500	0
D	Beyond Dec'25 (Commissioning)	172878	167644	50829	28970	35073
	Addl. Margins available on ISTS (Non-RE PS)	-		-	32107	

Note:

- For achievement of 500GW Target, 230 GW RE is to be integrated in ISTS, however, application for 353.59 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