

## Summary of Connectivity Margin in ISTS Substations

(all fig. in MW, as on 30-09-2024)

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
<b>Southern Region</b>						
A	Existing RE Pooling Stations	12050	12624	320	0	300
B	By Jun'25	4500	5040	0	0	0
	Total By Jun'25	16550	17664	320	0	300
C	Jul'25 to Dec'25 (Commissioning)	13000	15326	0	179	500
D	Beyond Dec'25 (Commissioning)	30500	19034	16741	10518	18500
	Sub-Total (SR)	60050	52024	17061	10697	19300
<b>Western Region</b>						
A	Existing RE Pooling Stations	16700	16042	1053	0	0
C	By Jun'25	11500	12494	11	329	0
	Total By Jun'25	28200	28536	1064	329	0
D	Jul'25 to Dec'25 (Commissioning)	11500	10894	220	300	0
E	Beyond Dec'25 (Commissioning)	26000	21256	17591	6990	6652
	Subtotal (WR)	65700	60686	18874	7619	6652
<b>Northern Region</b>						
A	Existing RE Pooling Stations	21880	25840	0	50	0
B	By Jun'25	18833	17589	0	50	0
	Total By Jun'25	40713	43429	0	100	0
C	Jul'25 to Dec'25 (Commissioning)	3267	5667	0	0	0
D	Beyond Dec'25 (Commissioning)	81500	41103	4840	13100	12238
	Sub-Total (NR)	125480	90199	4840	13200	12238
<b>North Eastern Region</b>						
A	Beyond Dec'25 (Commissioning)	1000	750	0	250	1500
	Sub-Total (NER)	1000	750	0	250	1500
	Connectivity at Non-RE PS		8362			
	Total (All India)	252230	212021	40774	31766	39690
A	Existing RE Pooling Stations	50630	54505	1373	50	300
B	By Jun'25	34833	35123	11	379	0
	Total By Jun'25	85463	89628	1384	429	300
C	Jul'25 to Dec'25 (Commissioning)	27767	31887	220	479	500
D	Beyond Dec'25 (Commissioning)	139000	82144	39171	30857	38890
	Addl. Margins available on ISTS (Non-RE PS)	-		-	31056	

**Note:**

1. Although the above Pooling Stations for RE Connectivity are expected by Jun'25, the onward evacuation system from the pooling stations for some portion of power is likely to be delayed beyond Jun'25 due to various reasons such as GIB, land/corridor issues, ROW etc. However, a majority of this power may be evacuated within 3-6 months (beyond Jun'25). Till then, such power may be evacuated under short term with SPS arrangements.
2. For achievement of 500GW Target, 230 GW RE to be integrated in ISTS, out of which application for 252 GW RE already granted/under process.
3. 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*