

## Summary of Connectivity Margin in ISTS Substations

(all fig. in MW, as on 31-10-2024)

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	12814	130	0	300
B	By Jun'25	4500	5040	0	0	0
	Total By Jun'25	16550	17854	130	0	300
C	Jul'25 to Dec'25 (Commissioning)	13000	15676	0	411	0
D	Beyond Dec'25 (Commissioning)	30500	23488	16499	7621	14500
	Sub-Total (SR)	60050	57018	16629	8032	14800
<b>Western Region</b>						
A	Existing RE Pooling Stations	16700	17042	0	0	0
C	By Jun'25	11500	12505	200	129	0
	Total By Jun'25	28200	29547	200	129	0
D	Jul'25 to Dec'25 (Commissioning)	11500	11114	300	0	0
E	Beyond Dec'25 (Commissioning)	26000	22512	19028	7988	6250
	Subtotal (WR)	65700	63173	19528	8118	6250
<b>Northern Region</b>						
A	Existing RE Pooling Stations	21880	25840	0	50	0
B	By Jun'25	18833	17589	0	0	0
	Total By Jun'25	40713	43429	0	50	0
C	Jul'25 to Dec'25 (Commissioning)	3267	5667	0	0	0
D	Beyond Dec'25 (Commissioning)	81500	44014	8309	13334	6041
	Sub-Total (NR)	125480	93110	8309	13384	6041
<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		8062			
	Total (All India)	252230	222112	44466	29783	28591
A	Existing RE Pooling Stations	50630	55695	130	50	300
B	By Jun'25	34833	35134	200	129	0
	Total By Jun'25	85463	90829	330	179	300
C	Jul'25 to Dec'25 (Commissioning)	27767	32457	300	411	0
D	Beyond Dec'25 (Commissioning)	139000	90764	43836	29193	28291
	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*