

## Summary of Connectivity Margin in ISTS Substations

(all fig. in MW, as on 31-08-2025)

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
<b>Southern Region</b>						
A	Existing RE Pooling Stations	16550	17812	300	194	0
B	Jul'25 to Dec'25 (Commissioning)	13000	14518	635	696	0
C	Beyond Dec'25 (Commissioning)	65000	40744	19753	16720	16000
Sub-Total (SR)		94550	73073	20688	17610	16000
<b>Western Region</b>						
A	Existing RE Pooling Stations	28200	29248	200	378	0
B	Jul'25 to Dec'25 (Commissioning)	11500	11214	0	200	0
C	Beyond Dec'25 (Commissioning)	27500	57848	21893	500	1950
Subtotal (WR)		67200	98310	22093	1078	1950
<b>Northern Region</b>						
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 Jun'26 (Commissioning)	107878	72196	8452	13000	10173
Sub-Total (NR)		145160	121532	8452	13050	10173
<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			7001	3610		
Total (All India)		307910	300665	54844	31988	29623
A	Existing RE Pooling Stations	71630	76360	500	623	0
B	Jul'25 to Dec'25 (Commissioning)	34902	45768	635	896	0
C	Beyond Dec'25 (Commissioning)	201378	171538	50098	30470	29623
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 355.51 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

As per the 3rd amendment of GNA Regulations, the substation/bay-wise details for Solar/Non-Solar hours at various ISTS substations has also been uploaded on CTU website separately. The above margins may be considered for purpose of Solar Hour connectivity only.