

Summary of Connectivity Margin in ISTS Substations						
(all fig. in MW, as on 31-07-2025)						
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	16550	17612	800	52	0
B	Jul'25 to Dec'25 (Commissioning)	13000	14600	935	600	0
C	Beyond Dec'25 (Commissioning)	65000	40134	18913	17690	16000
Sub-Total (SR)		94550	72346	20648	18342	16000
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	58598	22143	500	1200
Subtotal (WR)		67200	99210	22343	928	1200
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	8502	13000	9323
Sub-Total (NR)		145160	122332	8502	13050	9323
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)		307910	304999	51953	32570	28023
A	Existing RE Pooling Stations	71630	76310	1000	330	0
C	Jul'25 to Dec'25 (Commissioning)	34902	45850	935	800	0
D	Beyond Dec'25 (Commissioning)	201378	172478	49558	31440	28023
Addl. Margins available on ISTS (Non-RE PS)		-		-	32107	

Note:

1. For achievement of 500GW Target, 230 GW RE is to be integrated in ISTS, however, application for 356.95 GW RE has already been granted Connectivity/under process.
2. 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 is under preparation and shall be updated at CTUIL website shortly