

## Summary of Connectivity Margin in ISTS Substations

(all fig. in MW, as on 28-02-2025)

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	12050	12804	500	360	300
B	By Jun'25	4500	4100	0	0	0
	Total By Jun'25	16550	16904	500	360	300
C	Jul'25 to Dec'25 (Commissioning)	13000	15246	2415	0	231
D	Beyond Dec'25 (Commissioning)	36500	26311	25444	6075	13000
	Sub-Total (SR)	66050	58460	28359	6435	13531
<b>Western Region</b>						
A	Existing RE Pooling Stations	16700	17042	237	0	0
C	By Jun'25	11500	12705	78	0	0
	Total By Jun'25	28200	29747	315	0	0
D	Jul'25 to Dec'25 (Commissioning)	11500	11414	0	0	0
E	Beyond Dec'25 (Commissioning)	27500	54336	13850	2786	5095
	Subtotal (WR)	67200	95497	14165	2786	5095
<b>Northern Region</b>						
A	Existing RE Pooling Stations	21880	27390	0	0	0
B	By Jun'25	18833	17579	225	0	0
	Total By Jun'25	40713	44969	225	0	0
C	Jul'25 to Dec'25 (Commissioning)	3267	5667	0	0	0
D	Beyond Dec'25 (Commissioning)	87500	54986	6950	13220	7550
	Sub-Total (NR)	131480	105622	7175	13220	7550
<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		9162	160		
	Total (All India)	265730	269491	49860	22691	27676
A	Existing RE Pooling Stations	50630	57235	737	360	300
B	By Jun'25	34833	34384	303	0	0
	Total By Jun'25	85463	91619	1040	360	300
C	Jul'25 to Dec'25 (Commissioning)	27767	32327	2415	0	231
D	Beyond Dec'25 (Commissioning)	152500	136383	46244	22331	27145
	Addl. Margins available on ISTS (Non-RE PS)	-		-	30001	

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 319.35 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