

## Summary of Connectivity Margin in ISTS Substations

(all fig. in MW, as on 31-01-2025)

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	1515	0	331
D	Beyond Dec'25 (Commissioning)	36500	26311	23194	6375	13000
	Sub-Total (SR)	66050	58460	25209	6735	13631
<b>Western Region</b>						
A	Existing RE Pooling Stations	16700	17042	0	0	0
C	By Jun'25	11500	12705	78	0	0
	Total By Jun'25	28200	29747	78	0	0
D	Jul'25 to Dec'25 (Commissioning)	11500	11414	0	0	0
E	Beyond Dec'25 (Commissioning)	27500	53486	10375	4186	6270
	Subtotal (WR)	67200	94647	10453	4186	6270
<b>Northern Region</b>						
A	Existing RE Pooling Stations	21880	27340	50	0	0
B	By Jun'25	18833	17579	225	0	0
	Total By Jun'25	40713	44919	275	0	0
C	Jul'25 to Dec'25 (Commissioning)	3267	5667	0	0	0
D	Beyond Dec'25 (Commissioning)	81500	49387	9749	13220	4653
	Sub-Total (NR)	125480	99973	10024	13220	4653
<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			
	Total (All India)	259730	262991	45687	24391	26054
A	Existing RE Pooling Stations	50630	57185	550	360	300
B	By Jun'25	34833	34384	303	0	0
	Total By Jun'25	85463	91569	853	360	300
C	Jul'25 to Dec'25 (Commissioning)	27767	32327	1515	0	331
D	Beyond Dec'25 (Commissioning)	146500	129933	43318	24031	25423
	Addl. Margins available on ISTS (Non-RE PS)	-		-	30001	

Note:

- 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.
- For achievement of 500GW Target, 230 GW RE to be integrated in ISTS, out of which application for 308.7 GW RE already granted/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*