

Summary of Connectivity Margin in ISTS Substations available by Dec'25					
(all fig. in MW, as on 30-06-2023)					
Sl. No.	Status of RE Pooling Stations	Potential (MW)	Connectivity granted/agreed (MW)	Connectivity under process 30.06.2023 (MW)	Available Connectivity Margins (MW)
Southern Region					
A	Existing RE Pooling Stations	7050	6770	100	455
B	Jul'23 - Dec'23 (Commissioning)	6000	5608	0	580
C	Jan'24 - Jun'24 (Commissioning)	0	0	0	0
D	Jul'24 - Jun'25 (Commissioning)	19000	0	0	19000
	By Jun'25	32050	12378	100	20035
E	Jul'25 to Dec'25 (Commissioning)	29000	1315	3989	21596
	Sub-Total (SR)	61050	13693	4089	41631
Western Region					
A	Existing RE Pooling Stations	8450	5231	553	2666
B	Jul'23 - Dec'23 (Commissioning)	2500	2000	398	0
C	Jan'24 - Jun'24 (Commissioning)	8250	4746	514	2942
D	Jul'24 - Jun'25 (Commissioning)	12700	10777	73	1850
	By Jun'25	31900	22754	1538	7458
E	Jul'25 to Dec'25 (Commissioning)	23000	5965	4520	12515
	Subtotal (WR)	54900	28719	6058	19973
Northern Region					
A	Existing RE Pooling Stations	17980	19960	0	1550
B	Jul'23 - Dec'23 (Commissioning)	4850	6765	217	458
C	Jan'24 - Jun'24 (Commissioning)	0	0	0	0
D	Jul'24 - Jun'25 (Commissioning)	17500	9950	2640	5495
	By Jun'25	40330	36675	2857	7503
E	Jul'25 to Dec'25 (Commissioning)	13000	1830	5795	5375
	Sub-Total (NR)	53330	38505	8652	12878
North Eastern Region					
A	Jul'25 to Dec'25 (Commissioning)	1000	1000	0	0
	Sub-Total (NER)	1000	1000	0	0
	Total (All India)	170280	81917	18799	74482
A	Existing RE Pooling Stations	33480	31961	653	4671
B	Jul'23 - Dec'23 (Commissioning)	13350	14373	615	1038
C	Jan'24 - Jun'24 (Commissioning)	8250	4746	514	2942
D	Jul'24 - Jun'25 (Commissioning)	49200	20727	2713	26345
	By Jun'25	104280	71807	4495	34996
E	Jul'25 to Dec'25 (Commissioning)	66000	10110	14304	39486
	Addl. Margins available on ISTS (Existing)	-	-	-	33442

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. Further, transmission system for evacuation of 13GW* renewable generations in Ladakh is already taken up for implementation. However, connectivity applications in Ladakh are awaited.

For achievement of 500GW Target, balance transmission system for 115.3* GW (WR: 11 GW, SR: 57 GW, NR: 47.3 GW) has also been planned and is being taken-up in phases for commissioning by 2029.

* Potential includes planned BESS capacity