

Summary of Connectivity Margin in ISTS Substations available by Mar-27

Sl. No.	Status of RE Pooling Stations	Potential (MW)	Connectivity granted/agreed (MW)	Connectivity under process 15.05.23 (MW)	Available Connectivity Margins (MW)
Southern Region					
A	Existing RE Pooling Stations	7050	6770	0	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	0	20035
E	Jul'25 to Mar'27* (Commissioning)	29000	1315	1934	22751
	Sub-Total (SR)	61050	13693	1934	42786
Western Region					
A	Existing RE Pooling Stations	8450	5231	53	3166
B	Jul'23 - Dec'23 (Commissioning)	2500	2000	235	265
C	Jan'24 - Jun'24 (Commissioning)	7000	4746	391	1973
D	Jul'24 - Jun'25 (Commissioning)	12700	10777	23	1900
	By Jun'25	30650	22754	702	7304
E	Jul'25 to Mar'27* (Commissioning)	23000	5965	2225	14810
	Subtotal (WR)	53650	28719	2927	22114
Northern Region					
A	Existing RE Pooling Stations	17980	19960	0	1550
B	Jul'23 - Dec'23 (Commissioning)	4850	6765	10	965
C	Jan'24 - Jun'24 (Commissioning)	0	0	0	0
D	Jul'24 - Jun'25 (Commissioning)	17500	10100	990	6995
	By Jun'25	40330	36825	1000	9510
E	Jul'25 to Mar'27* (Commissioning)	13000	2595	2626	7779
	Sub-Total (NR)	53330	39420	3626	17289
	Total (All India)	168030	81832	8486	82190
A	Existing RE Pooling Stations	33480	31961	53	5171
B	Jul'23 - Dec'23 (Commissioning)	13350	14373	245	1810
C	Jan'24 - Jun'24 (Commissioning)	7000	4746	391	1973
D	Jul'24 - Jun'25 (Commissioning)	49200	20877	1013	27895
	By Jun'25	103030	71957	1702	36849
E	Jul'25 to Mar'27* (Commissioning)	65000	9875	6785	45340
	Addl. Margins available on ISTS (Existing)	-	-	1272	33052

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*