Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-05-2025)

Sr. No.	Pooling Station	State	RE Potential (MW)			Expected CoD of Pooling Station	Connectivity Granted/ Agreed			Connectivity Under Process			Margin for Connectivity			Additional Margin for Connectivity requiring ICT Augmentation / additional Tr. System			Effectiveness of GNA for Capacity mentioned under "Margin for Connectivity"
			RE Potential (MW) [A]	BESS (MW) [B]	S/s Evacuation Capacity (RE Potential - BESS [A-B])		220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	
Northern Region																			
A. Existing RE Pooling Stations																			
1	**Bhadla Complex**	**Rajasthan**	**8430**	**0**	**8430**	**Existing**	**7475**	**2050**	**9525**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5251.375MW: Existing** **4273.625MW: Sep'25 onwards (Ph-II/Ph-III/Ph-IV) (upto Mar'27)**
a	Bhadla	Rajasthan	3380	0	3380	Existing	3580	0	3580	0	0	0	0	0	0	0	0	0	3580MW: Existing
b	Bhadla-II	Rajasthan	5050	0	5050	Existing	3895	2050	5945	0	0	0	0	0	0	0	0	0	1671.375MW: Existing 4273.625MW: Sep'25 onwards (Ph-II/Ph-III/Ph-IV) (upto Mar'27)
2	**Fatehgarh-Barmer Complex**	**Rajasthan**	**9600**	**0**	**9600**	**Existing**	**6940**	**3200**	**10140**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**7225.83MW: Existing** **2914.17MW: Sep'25 onwards (Ph-II/Ph-III/Ph-IV) (upto Mar'27)**
a	Fatehgarh	Rajasthan	2200	0	2200	Existing	0	2200	2200	0	0	0	0	0	0	0	0	0	Existing Tr. System
b	Fatehgarh-II	Rajasthan	5500	0	5500	Existing	4460	1000	5460	0	0	0	0	0	0	0	0	0	3525.83MW: Existing 1934.17MW: Sep'25 onwards (Ph-II/Ph-III/Ph-IV) (upto Mar'27)
c	Fatehgarh-III (Section-I)	Rajasthan	1900	0	1900	Existing	2480	0	2480	0	0	0	0	0	0	0	0	0	1500MW: Existing 480MW: Sep'25 (Ph-II) Including 2x250MW BESS granted at Fatehgarh-III (Section-I) 250MW: Existing 250MW: Mar'26
3	**Bikaner Complex**	**Rajasthan**	**8850**	**3000**	**5850**	**Existing**	**5695**	**3940**	**9635**	**0**	**0**	**0**	**0**	**50**	**50**	**0**	**0**	**0**	**2865MW: Existing** **3360MW: Sep'25 onwards (Ph-II/Ph-IV/Ph-V) (upto Mar'27)**
a	Bikaner	Rajasthan	1850	0	1850	Existing	1235	2940	4175	0	0	0	0	50	50	0	0	0	2865MW: Existing 1360MW: Sep'25 onwards (Ph-II/Ph-IV/Ph-V) (Upto Mar'27)
b	Bikaner-II	Rajasthan	7000	3000	4000	Existing	4460	1000	5460	0	0	0	0	0	0	0	0	0	5760MW: Sep'25 onwards (Upto Aug'26) (Ph-II/Ph-IV Part-I&II)
	Sub-Total (Existing)		**26880**	**3000**	**23880**		**20110**	**9190**	**29300**	**0**	**0**	**0**	**0**	**50**	**50**	**0**	**0**	**0**	
B. Commissioning between Jul-25 to Dec-25																			
1	**(Bhadla Complex) Bhadla-III**	**Rajasthan**	**3500**	**0**	**3500**	**Sep'25**	**2750**	**1000**	**3750**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**3700MW : Feb'26 onwards (Upto Aug'26 (Ph-IV)): cumulative at Ramgarh & Bhadla-III: Raj. (Ph-III)** **Beyond 3700MW : Bhadla HVDC (Jan'29 Pole-1 & Jul'29 Pole-2)** **Out of 3750MW, 250MW connectvity of standalone BESS agreed for grant recently**
2	**Fatehgarh-Barmer Complex**	**Rajasthan**	**7333**	**0**	**7333**		**4185**	**3450**	**7635**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**Dec'25 onwards (Ph-III) (Upto Mar' 27(Ph-IV/V))**

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-05-2025)

Sr. No.	Pooling Station	State	RE Potential (MW)			Expected CoD of Pooling Station	Connectivity Granted/ Agreed			Connectivity Under Process			Margin for Connectivity			Additional Margin for Connectivity requiring ICT Augmentation / additional Tr. System			Effectiveness of GNA for Capacity mentioned under "Margin for Connectivity"
			RE Potential (MW) [A]	BESS (MW) [B]	S/s Evacuation Capacity (RE Potential - BESS [A-B])		220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	
a	Fatehgarh-III (Section-II)	Rajasthan	5233	0	5233	Jul'25 onwards	2160	3450	5610	0	0	0	0	0	0	0	0	0	Dec'25 onwards- (Ph-III) (Upto Mar'27 (Ph-IV/V))
b	Fatehgarh-IV (Section-I)	Rajasthan	2100	0	2100	Aug'25	2025	0	2025	0	0	0	0	0	0	0	0	0	Dec'25 onwards (Ph-III) (Upto Aug26)
3	(Ramgarh Complex) Ramgarh	Rajasthan	4000	0	4000	Sep'25	1200	2784	3984	0	0	0	0	0	0	0	0	0	650W-3100MW : Bhadla HVDC (Jan'29 Pole-1 & Jul'29 Pole-2) Transmission system for evacuation of power (beyond 2.9GW and upto 4 GW) HVDC sys. is under planning (Exp Comm. up to Oct'30).
4	(Bikaner Complex) Bikaner-III	Rajasthan	7000	3000	4000	Dec'25	2267	2400	4667	0	0	0	0	0	0	0	0	0	4000MW: Dec'25 (Ph-IV, Part-I&II) (Upto Aug'26) 667MW: with Bikaner-IV tr. System having schedule Nov'26
Sub-Total (Jul'25 to Dec'25)			21833	3000	18833		10402	9634	20036	0	0	0	0	0	0	0	0	0	
C. Commissioning between Jan-26 to Jun-26																			
NIL																			
D. Commissioning between Jul-26 to Dec-31																			
1	(Fatehgarh-Barmer Complex) Fatehgarh-IV (Section-II)	Rajasthan	9000	4000	5000	Aug'26	3480	1500	4980	0	0	0	0	0	0	0	0	0	Hybrid RE Potential : 9GW (Wind+Solar) along with BESS (4 GW), S/s Evacuation Capacity: 5GW For 4000MW (out of 5000MW): Nov'26 (Ph-IV, Part-II). For evacuation of balance 980MW : Dec'26 (Ph-IV, Part-IV).
2	(Fatehgarh-Barmer Complex) Barmer-I	Rajasthan	5500	1500	4000	Nov'26	4000	0	4000	0	0	0	0	0	0	0	0	0	Hybrid RE Potential: 5.5GW (Wind+Solar) along with BESS (1.5 GW), S/s Evacuation Capacity: 4GW. About 1.5GW: Nov'26 (Ph-IV, Part-II) For evacuation of >1.5GW (upto 4GW) : Upto Mar'27 (Ph-IV, Part-IV & Ph-V Part-1) For application of >4GW, connectvity will be provided at Barmer-II PS for which system is under approval (sch. Pole-I : Sep'29, Pole-2: Mar'30).
3	(Fatehgarh-Barmer Complex) Barmer-II	Rajasthan	6000	0	6000	Jan'30 to Jul'30 (HVDC)	2080	3812	5892	0	0	0	0	0	0	108	0	108	HVDC Corridor is under approval for total 6 GW capacity (Expected Sch.Pole-1:Jan'30, Pole-2: Jul'30].
4	(Fatehgarh-Barmer Complex) Barmer-III	Rajasthan	6000	0	6000	Oct'30 to Apr'31 (HVDC)	2462	3450	5912	0	0	0	0	0	0	0	88	88	HVDC Corridor is under planning for total 6 GW capacity (Expected Sch.Pole-1:Oct'30, Pole-2: Apr'31].

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-05-2025)

Sr. No.	Pooling Station	State	RE Potential (MW)			Expected CoD of Pooling Station	Connectivity Granted/ Agreed			Connectivity Under Process			Margin for Connectivity			Additional Margin for Connectivity requiring ICT Augmentation / additional Tr. System			Effectiveness of GNA for Capacity mentioned under "Margin for Connectivity"
			RE Potential (MW) [A]	BESS (MW) [B]	S/s Evacuation Capacity (RE Potential - BESS [A-B])		220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	
5	(Fatehgarh-Barmer Complex) Barmer-IV	Rajasthan	6000	0	6000	Jun'31 to Dec'31 (HVDC)	600	2103	2703	0	0	0	0	0	0	3297	0	3297	HVDC Transmission system (6GW) for evacuation of power from Barmer-IV complexes is under planning (Exp. Comm. Schedule up to Dec'31).
6	(Bikaner Complex) Bikaner-IV	Rajasthan	6000	0	6000	Nov'26	3150	2850	6000	0	0	0	0	0	0	0	0	0	Comprehensive Transmission scheme for Bikaner-IV PS (6GW) is under implementation (Sch. -Nov'26).
7	(Bikaner Complex) Bikaner-V	Rajasthan	6000	0	6000	Apr'30 to Oct'30 (HVDC)	3490	2510	6000	0	0	0	0	0	0	0	0	0	HVDC Corridor is being planned for total 6 GW capacity (Expected Sch.Pole-1:Apr'30, Pole-2: Oct'30].
	(Bikaner Complex) Bikaner-VI	Rajasthan	6000	0	6000	Jun'31 to Dec'31 (HVDC)	600	0	600	1150	600	1750	0	0	0	2450	1200	3650	HVDC Transmission system (6GW) for evacuation of power from Bikaner-VI complexes is under planning (Exp. Comm. Schedule up to Dec'31).
8	Sirohi	Rajasthan	3000	1000	2000	Aug'26	1400	700	2100	0	0	0	0	0	0	0	0	0	Connectivity at Sirohi PS will be granted upto 2 GW only. Tr. System for evacuation of power from Sirohi PS is under implementation (sch. Mar'27). Beyond 2 GW in Sirohi complex, HVDC Transmission system for evacuation of power from Jalore complex (Jalore/Sanchore/Sirohi) for comined RE capacity of 6GW is under planning (HVDC) (Exp. Comm. Schedule up to Jun'31).
9	Bhadla Complex (Bhadla-III Section linked to Bhadla HVDC station & system)	Rajasthan	3000	0	3000	Jan'29 (Pole-1) to Jul'29 (Pole-2)	1550	1450	3000	0	0	0	0	0	0	0	0	0	3700MW : Jun'25 onwards (Upto Aug'26): cumulative at Ramgarh & Bhadla-III: Raj. (Ph-III) Beyond 3700MW : Bhadla HVDC (Jan'29 Pole-1 & Jul'29 Pole-2).
10	Bhadla Complex (Bhadla-IV)	Rajasthan	5000	2000	2000	Apr'30 to Oct'30 (HVDC)	300	5525	5825	0	0	0	0	0	0	0	175	175	Transmission system for evacauation of power from Bhadla-IV PS is under planning (6GW HVDC) (Expected Sch.Pole-1:Apr'30, Pole-2: Oct'30]). Connectivity beyond 6 GW at Bhadla-IV PS to be processed at Bhadla-V (Bhadla complex) for which transmission system (HVDC) from Bhadla Complex to be evolved.
11	Nagaur Complex (Merta-II)	Rajasthan	2000	0	2000	Dec'26	2100	0	2100	0	0	0	0	0	0	0	0	0	Tr. System for evacuation of power from Sirohi PS is under implementation (sch. Mar'27). Beyond 2 GW in Merta/Nagaur complex, Tr. system (HVDC) to be evolved
12	Jalore Complex (Jalore)	Rajasthan	3000	1000	2000	Dec'30 to Jun'31 (HVDC)	1150	1000	2150	0	0	0	0	0	0	0	0	0	HVDC Transmission system for evacuation of power from Jalore complex (Jalore/Sanchore/Sirohi) for comined RE capacity of 6GW is under planning (HVDC) (Exp. Comm. Schedule up to Jun'31). At present 5220MW capacity granted/Agreed for grant at Sanchore & Jalore combindely. Balance capacity 780MW (6000-5220) is available for connectvity at Jalore/Sanchore/Sirohi-II PS

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-05-2025)

Sr. No.	Pooling Station	State	RE Potential (MW)			Expected CoD of Pooling Station	Connectivity Granted/ Agreed			Connectivity Under Process			Margin for Connectivity			Additional Margin for Connectivity requiring ICT Augmentation / additional Tr. System			Effectiveness of GNA for Capacity mentioned under "Margin for Connectivity"
			RE Potential (MW) [A]	BESS (MW) [B]	S/s Evacuation Capacity (RE Potential - BESS [A-B])		220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	
13	Sanchore Complex (Sanchore)	Rajasthan	3000	1000	2000	Dec'30 to Jun'31 (HVDC)	1050	2020	3070	0	0	0	0	0	0	0	0	0	HVDC Transmission system for evacuation of power from Jalore complex (Jalore/Sanchore/Sirohi) for comined RE capacity of 6GW is under planning (HVDC) (Exp. Comm. Schedule up to Jun'31). At present 5220MW capacity granted/agreed for grant at Sanchore & Jalore combindely. Balance capacity 780MW (6000-5220) is available for connectvity at Jalore/Sanchore/Sirohi-II PS
14	Ramgarh Complex Ramgarh-II	Rajasthan	8000	3000	5000	Apr'30 to Oct'30 (HVDC)	1647	3300	4947	150	0	150	0	0	0	19	0	19	Hybrid RE Potential: 8GW (Wind+Solar) along with BESS (3 GW), S/s Evacuation Capacity: 5GW. HVDC Transmission system for evacuation of power from Ramgarh-II PS for evacuation of 6GW RE power (Ramgarh-I:0.9GW, Ramgarh-II:5.1 GW) is under planning (Exp Comm. Schedule up to Oct'30). Connectivity beyond 5.1 GW at Ramgarh-II PS to be processed at Ramgarh-III PS (Ramgarh complex) for which transmission system (HVDC) from Ramgarh Complex to be evolved.
	Ramgarh Complex Ramgarh-III	Rajasthan	6000	0	6000	Jun'31 to Dec'31 (HVDC)	930	3282	4212	0	0	0	0	0	0	888	900	1788	HVDC Transmission system (6GW) for evacuation of power from Ramgarh-III complexes is under planning (Exp. Comm. Schedule up to Dec'31).
15	Pali Complex (Pali)	Rajasthan	3000	1000	2000	Dec'30 to Jun'31 (HVDC)	1705	600	2305	0	0	0	0	0	0	0	0	0	HVDC Transmission system (6GW) for combined capacity 6GW RE from Nagaur(Merta) & Pali complexes is under planning (Exp. Comm. Schedule up to Jun'31). At present 3205MW capacity granted/agreed for grant at Pali and Merta-III combindely. Balance capacity 2795MW (6000-3205)(is available for connectvity at Pali/Merta-III PS
18	Nagaur Complex (Merta-III)	Rajasthan				Dec'30 to Jun'31 (HVDC)	900	0	900	0	0	0	0	0	0	200	900	1100	Beyond 2 GW in Merta/Nagaur complex, HVDC Transmission system (6GW) for combined capacity 6GW RE from Nagaur(Merta) & Pali complexes is under planning (Exp. Comm. Schedule up to Jun'31). At present 3205MW capacity granted/agreed for grant at Pali and Merta-III combindely. Balance capacity 2795MW (6000-3205)(is available for connectvity at Pali/Merta-III PS
16	Pang (Leh)	Ladakh	13000	0	13000	2029-30 (VSC HVDC)	0	0	0	0	0	0	0	13000	13000	0	0	0	Leh - Ensviaged RE Capacity (13 GW) for connnectivity in Ladakh including Solar, Wind & BESS. However, net evacaution capacity of HVDC tr. system is 5000MW. Connectivity applications in Ladakh are yet to be received.
17	Bhadla Complex (Bhadla-V)	Rajasthan	6000	0	6000	Mar'31 to Sep'31 (HVDC)	1300	4700	6000	0	0	0	0	0	0	0	0	0	HVDC Transmission system (6GW) for evacuation of power from Bhadla-V complexes is under planning (Exp. Comm. Schedule up to Sep'31).
	Bhadla Complex (Bhadla-VI)	Rajasthan	6000	0	6000	Mar'32 to Sep'32 (HVDC)	300	0	300	0	0	0	0	0	0	3900	1800	5700	HVDC Transmission system (6GW) for evacuation of power from Bhadla-VI complexes is under planning (Exp. Comm. Schedule up to Sep'32).
	Sub-Total NR (Beyond Dec'25)		111500	14500	96000		34194	38802	72996	1300	600	1900	0	13000	13000	10862	5063	15925	
Total (NR)			133333	17500	114833		64706	57626	122332	1300	600	1900	0	13050	13050	10862	5063	15925	
Southern Region																			
A. Existing RE Pooling Stations																			
1	NP Kunta	Andhra Pradesh	1500	0	1500	Existing	2000	0	2000	200	0	200	0	0	0	0	0	0	1500 MW : Existing Tr. System 500 MW: 5th ICT (UC) Augmentation of ICTs and transmission line is required to accommodate under process applications.
2	Pavagada	Karnataka	2050	0	2050	Existing	2550	0	2550	0	0	0	0	0	0	0	0	0	2050 MW : Existing Tr. System 500 MW : Nov'25: Narendra-Pune
3	Tuticorin-II GIS (erstwhile Tirunelvelli (PG))	Tamil Nadu	2500	0	2500	Existing	2598	0	2598	250	0	250	152	0	152				1870 MW : Existing Tr. System 300 MW: Nov'25: Narendra-Pune 340 MW: Dec'25 : 6th ICT 130 MW : Mar'27 : 7th ICT

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-05-2025)

Sr. No.	Pooling Station	State	RE Potential (MW)			Expected CoD of Pooling Station	Connectivity Granted/ Agreed			Connectivity Under Process			Margin for Connectivity			Additional Margin for Connectivity requiring ICT Augmentation / additional Tr. System			Effectiveness of GNA for Capacity mentioned under "Margin for Connectivity"
			RE Potential (MW) [A]	BESS (MW) [B]	S/s Evacuation Capacity (RE Potential - BESS [A-B])		220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	
4	**Koppal PS**	**Karnataka**	2500	0	2500	Existing	2753	0	2753	0	0	0	0	0	0				1260 MW : Existing Tr. System 1493 MW: Nov'25: Narendra-Pune
5	**Karur PS (Phase-1)**	**Tamil Nadu**	**1000**	**0**	1000	**Existing**	**918**	**0**	**918**	**0**	**0**	**0**	**0**	**0**	**0**				100 MW : Existing Tr. System 818 MW: Nov'25: Narendra-Pune
6	**Gadag PS**	**Karnataka**	2500	0	2500	**Existing**	2243	0	2243	**0**	**0**	**0**	0	0	0				460 MW : Existing Tr. System 1923 MW: Nov'25: Narendra-Pune
	Sub-Total (Existing)		**12050**	**0**	**12050**		**13062**	**0**	**13062**	**450**	**0**	**450**	**152**	**0**	**152**	**0**	**0**	**0**	
B. Commissioning by Jun'25																			
a	Kurnool-III PS	**Andhra Pradesh**	4500	0	4500	Mar'25	2250	1850	4100	**0**	**0**	**0**	0	0	0				Mar'25 **Kurnool-III PS has been closed for all purposes.**
	Sub-Total (By June'25)		**4500**	**0**	**4500**		**2250**	**1850**	**4100**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
	Sub-Total SR (by June'25 incl. existing)		**16550**	**0**	**16550**	**0**	**15312**	**1850**	**17162**	**450**	**0**	**450**	**152**	**0**	**152**	**0**	**0**	**0**	
C. Commissioning between Jul-25 to Dec-25																			
8	**Karur PS (with transformer augmentation under Phase-II)**	**Tamil Nadu**	**1500**	**0**	**1500**	**Feb'26**	**1351**	**500**	**1851**	**0**	**0**	**0**	**0**	**0**	**0**	**231**	**0**	**231**	*Augmentation of ICTs and transmission line is required to accommodate under process applications*
9	**Koppal-II/ Gadag-II Complex**	**Karnataka**	**8000**	**2000**	**6000**		**7220**	**1800**	**9020**	**635**	**0**	**635**	**0**	**0**	**0**	**0**	**0**	**0**	**Koppal-II PS and Gadag-II PS has been closed for all purposes.**
a	Koppal-II PS	**Karnataka**	4000	1000	3000	Dec'25	3905	0	3905	175	0	175	0	0	0	0		0	Dec'25 Koppal-II PS has been closed for all purposes and under process applications may not be accommodated.
b	Gadag-II PS	**Karnataka**	4000	1000	3000	Dec'25	3316	1800	5116	460	0	460	0	0	0	0		0	Dec'25 PSP of 900 MW not considered for determination of margins. Gadag-II PS has been closed for all purposes and under process applications may not be accommodated.
10	**Ananthapuram PS**	**Andhra Pradesh**	3500	0	3500	Sept'25	1545	2710	4255	0	0	0	**0**	**0**	**0**	**0**	**0**	**0**	Sept'25 Ananthapuram PS has been closed for all purposes
11	**Pavagada (expansion with ICTs)**	**Karnataka**	**0**	**0**	**0**	Sept'25	800	0	800	0	0	0	0	0	0	0	0	0	800 MW : Sep'25 : 7th ICT
	Sub-Total SR (Jul'25-Dec'25)		**13000**	**2000**	**11000**		**10916**	**5010**	**15926**	**635**	**0**	**635**	**0**	**0**	**0**	**231**	**0**	**231**	
D. Commissioning beyond Dec'25																			
11	**Davangere Complex**	**Karnataka**	**5500**	**1000**	**4500**	**Mar'27**	**5351**	**0**	**5351**	**6512**	**0**	**6512**	**0**	**0**	**0**	**0**	**0**	**0**	**Mar'27 to Sep'27 (assuming SPV transfer by Mar'25)**
a	Davangere	**Karnataka**	4000	1000	3000	**Mar'27**	3943	0	**3943**	**1213**	**0**	**1213**	0	0	0	0	0	0	2000 MW :Mar'27 2000 MW : Augmentation of additional 4x500 MVA & 1x1500 MVA ICTs is required and presently is under bidding.
b	Bellary	**Karnataka**	1500	0	1500	**Sep'27**	1408	0	**1408**	**5299**	**0**	**5299**	0	0	0	0	0	0	1500 MW :Sep'27 Transmission system for application beyond 1.5 GW RE potential declared by MNRE has been put-on hold by NCT
12	**Bijapur**	**Karnataka**	**2000**	**0**	**2000**	**Jan'27**	**1962**	**0**	**1962**	**4731**	**1200**	**5931**	**0**	**0**	**0**	**0**	**0**	**0**	2000 MW :Jan'27 Transmission system for application beyond 2 GW RE potential declared by MNRE has been put-on hold by NCT

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-05-2025)

Sr. No.	Pooling Station	State	RE Potential (MW)			Expected CoD of Pooling Station	Connectivity Granted/ Agreed			Connectivity Under Process			Margin for Connectivity			Additional Margin for Connectivity requiring ICT Augmentation / additional Tr. System			Effectiveness of GNA for Capacity mentioned under "Margin for Connectivity"
			RE Potential (MW) [A]	BESS (MW) [B]	S/s Evacuation Capacity (RE Potential - BESS [A-B])		220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	
13	**Bidar PS**	**Karnataka**	**2500**	**0**	**2500**	**Feb'26**	**3350**	**0**	**3350**	**1650**	**1100**	**2750**	**0**	**0**	**0**	**0**	**0**	**0**	2500 MW : Feb'26 1000 MW: Feb'27 (Augmentation of 3x500 MVA ICTs (6th - 8th) & 1x1500 MVA ICT(4th)) Transmission system for application beyond 3.5 GW has been put-on hold by NCT
14	**Ananthapuram/ Kurnool complex**	**Andhra Pradesh**	**19500**	**0**	**19500**		**10345**	**8155**	**18500**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**Progressivly from Mar'27 to Apr'27**
a	Kurnool-III (Expansion with ICTs)	**Andhra Pradesh**	4500	0	4500	**Apr'27**	0	3500	3500	**0**	**0**	**0**	0	0	0	0	0	0	*• PSP of 1850 MW not considered for determination of margins* *• Augmentation of ICTs and transmission line under approval* *• Kurnool-III PS has been closed for all purposes.*
b	Ananthapuram PS-II	**Andhra Pradesh**	7500	0	7500	**Mar'27**	4755	2745	7500	**0**	**0**	**0**	0	0	0	0	0	0	Mar'27 (Phase-1) Progressively from Sept'27 to Mar'28 (Phase-2) Ananthapuram-II PS has been closed for all purposes
c	Kurnool-IV	**Andhra Pradesh**	7500	0	7500	**Mar'27**	5590	1910	7500	**0**	**0**	**0**	0	0	0	0		0	Mar'27 (Phase-1) Progressively from Sept'27 to Mar'28 (Phase-2) Kurnool-IV PS has been closed for all purposes
15	**Tumkur-II**	**Karnataka**	**1500**	**0**	**1500**	**Sep'26**	**1500**	**0**	**1500**	**3000**	**0**	**3000**	0	0	0	0	**0**	**0**	1500 MW : Sep'26 Transmission system for application beyond 1.5 GW RE potential declared by MNRE has been put-on hold by NCT
16	**Nizamabad Complex**	**Telangana**	**5000**	**0**	**5000**		**0**	**0**	**0**	**0**	**0**	**0**	**5000**	**0**	**5000**	**8500**	**0**	**8500**	Locations for RE potential declared in Telanagana under review by MNRE/SECI. Transmisison system put on-hold by NCT till finalization of same.
a	Nizamabad-II	**Telangana**	2000	0	2000		0	0	0	**0**	**0**	**0**	2000	0	2000	2500		2500	Locations for RE potential declared in Telanagana under review by MNRE/SECI. Transmisison system put on-hold by NCT till finalization of same.
b	Medak	**Telangana**	1500	0	1500		0	0	0	**0**	**0**	**0**	1500	0	1500	3000		3000	Locations for RE potential declared in Telanagana under review by MNRE/SECI. Transmisison system put on-hold by NCT till finalization of same.
c	Rangareddy	**Telangana**	1500	0	1500		0	0	0	**0**	**0**	**0**	1500	0	1500	3000		3000	Locations for RE potential declared in Telanagana under review by MNRE/SECI. Transmisison system put on-hold by NCT till finalization of same.
17	**Avairakulam (Off shore)**	**Tamil Nadu**	**500**	**0**	**500**	**Dec'30**	**0**	**0**	**0**	**0**	**0**	**0**	**500**	**0**	**500**	**4500**	**0**	**4500**	**Mar'2030**
18	**Pavagada (expansion with ICTs)**	**Karnataka**	**0**	**0**	**0**	**May'26**	**1150**	**0**	**1150**	**1400**	**0**	**1400**	**0**	**0**	**0**	**0**	**0**	**0**	8th, 9th & 10th ICTs Under process applications may not be accommodated.
19	Ananthapuram PS-III	**Andhra Pradesh**	7500	0	7500	**Sep'28**	**0**	**0**	**0**	**3080**	**800**	**3880**	**420**	**200**	**620**	**2000**	**1000**	**3000**	Sep'28 New Pooling Station in Ananthapuram area under approval
20	Kurnool-V	**Andhra Pradesh**	7500	0	7500	**Sep'28**	**0**	**0**	**0**	**1630**	**0**	**1630**	**370**	**2500**	**2870**	**2000**	**1000**	**3000**	Sep'28 New Pooling Station in Kurnool area under approval
21	**Kadapa-II**	**Andhra Pradesh**	**7500**	**0**	**7500**	**Sep'28**	**0**	**0**	**0**	**600**	**0**	**600**	**1400**	**2500**	**3900**	**2000**	**1000**	**3000**	Sep'28 New Pooling Station in Kadapa area under approval
	Sub-Total SR (Beyond Dec'25)		**36500**	**1000**	**43000**		**23658**	**8155**	**31813**	**22602**	**3100**	**25702**	**7690**	**5200**	**12890**	**19000**	**3000**	**22000**	

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-05-2025)

Sr. No.	Pooling Station	State	RE Potential (MW)			Expected CoD of Pooling Station	Connectivity Granted/ Agreed			Connectivity Under Process			Margin for Connectivity			Additional Margin for Connectivity requiring ICT Augmentation / additional Tr. System			Effectiveness of GNA for Capacity mentioned under "Margin for Connectivity"
			RE Potential (MW) [A]	BESS (MW) [B]	S/s Evacuation Capacity (RE Potential - BESS [A-B])		220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	
Total (SR)			**66050**	**3000**	**70550**		**49886**	**15015**	**64901**	**23688**	**3100**	**26788**	**7842**	**5200**	**13042**	**19231**	**3000**	**22231**	
Western Region																			
A. Existing RE Pooling Stations																			
1	**Bhuj complex**		**5500**		**5500**	**Existing**	**5559**	**0**	**5559**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**Existing Tr. System**
a	Bhuj PS	Gujarat	3500		3500	Existing	3500		3500	0		0	0	0	0				Existing Tr. System.
b	Bhuj-II PS	Gujarat	2000		2000	Existing	2059		2059			0	0	0	0	0	0	0	Existing Tr. System.
2	Radhanesda PS	Gujarat	700		700	Existing	1250		1250	0		0	0	0	0				Existing Tr. System.
3	Jam Khambhaliya PS	Gujarat	2000		2000	Existing	1969	0	1969	0	0	0	0	0	0	0	0	0	Existing Tr. System.
4	Kallam PS (Ph-I)	Maharashtra	1000		1000	Existing	916	0	916	0	0	0	0	0	0				1GW: Commissioned
5	Pachora PS	Madhya Pradesh	1500		1500	Existing	1398		1398	0		0	0	0	0				1.5GW: Commissioned
6	Neemuch PS	Madhya Pradesh	1000		1000	Existing	950		950	0		0	0	0	0	0	0	0	1GW: Commissioned
7	Solapur S/s	Maharashtra	2000		2000	Existing		2000	2000		0	0		0	0				Sep-24: Under Scope of applicant (ReNew). **NO FURTHER MARGINS LEFT BEYOND 2GW. Application for 237MW needs to be deliberated.**
8	Khavda I PS (Sec I)	Gujarat	3000		3000	Existing		3000	3000			0	0	0	0				3GW: Commissioned
	Subtotal (Existing)		**16700**	**0**	**16700**		**12042**	**5000**	**17042**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	
B. Commissioning by Jun'25																			
9	**Khavda complex**		**10500**		**10500**		**0**	**10500**	**10500**	**0**	**0**	**0**	**0**	**0**	**0**				
a	Khavda I PS (Sec II)	Gujarat	4500		4500	Sec-II: Jan'25		4500	4500			0	0	0	0				**•Ph-1: 3GW - Feb'24 (KPS1) / Jan'25 (KPS2)** **•Ph-2: 5GW- Mar'25** **•Ph-3: 7GW- Dec'25**
b	Khavda II PS (Sec-I & II)	Gujarat	3000		3000	Sec-I & II: Jan'25		3000	3000			0	0	0	0				
c	Khvada III PS (Sec-I)	Gujarat	3000		3000	Jan'25		3000	3000			0	0	0	0				
10	Chhatarpur PS	Madhya Pradesh	0		0	**Scheme dropped.**	0		0			0	0	0	0				Scheme has been dropped as decided in NCT meeting & to be denotified by MoP.
11	Kallam PS (Ph-II)	Maharashtra	1000		1000	Dec-24 (1GW)	835	1022	1856	0	200	200	150	78	228				1GW ICTs: Dec-24 & System for 2.25GW: Under Implementation-Oct-25 (exptd)
	Subtotal (By Jun'25)		**11500**	**0**	**11500**		**835**	**11522**	**12356**	**0**	**200**	**200**	**150**	**78**	**228**				

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-05-2025)

Sr. No.	Pooling Station	State	RE Potential (MW)			Expected CoD of Pooling Station	Connectivity Granted/ Agreed			Connectivity Under Process			Margin for Connectivity			Additional Margin for Connectivity requiring ICT Augmentation / additional Tr. System			Effectiveness of GNA for Capacity mentioned under "Margin for Connectivity"
			RE Potential (MW) [A]	BESS (MW) [B]	S/s Evacuation Capacity (RE Potential - BESS [A-B])		220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	
D. Commissioning between Jul-25 to Dec-25																			
12	**Khavda complex**		**9000**		**9000**		**0**	**9000**	**9000**	**0**	**0**	**0**	**0**	**0**	**0**				**•Ph-1: 3GW - Completed in Feb-24. However, 2GW at KPS2 using Ph-I system would also require KPS2 S/s (Jan'25) •Ph-2: 5GW- Mar'25 •Ph-3: 7GW- Dec'25 •Ph-4: 7GW-Nov'26 •Ph-V: LCC Bipole-I:Nov'28) & LCC Bipole-II: May'29/ VSC 48 months from SPV transfer**
a	Khavda I PS (Sec-I)	Gujarat	1500		1500	Sec-I ICT: Jul'25		1500	1500			0	0	0	0				Total transformation capacity at Khavda complex (considering N-1 on each section): KPS1 - Sec-I: 4.5GW ; Sec-2: 6GW **Total KPS1: 10.5GW** KPS2 - Sec-I: 6GW ; Sec-2: 4.5GW **Total KPS2: 10.5GW** KPS3 - Sec-I: 4.5GW ; Sec-2: 4.5GW **Total KPS3: 9GW** **Total (KPS1, KPS2 & KPS3): 30GW**
b	Khavda II PS (Sec-I & II)	Gujarat	6000		6000	Sec-I & II ICTs : Feb'26		6000	6000		0	0	0	0	0				
c	Khvada III PS (Sec-I)	Gujarat	1500		1500	Sec-I ICT : Jul'25		1500	1500		0	0	0	0	0				
13	Bhuj PS	Gujarat	500		500	Jul'25	464		464	0		0	0	0	0				9th ICT at Bhuj PS shall be required for applications beyond 3500MW **NO FURTHER MARGINS ARE NOW AVAILABLE. Applications reeived beyond margins.**
14	Lakadia PS	Gujarat	1000		1000	Aug'25	950	0	950	0		0	0	0	0	0	0	0	Aug-25: Under Implementation
11	Parli (New) S/s	Maharashtra	1000		1000	Dec'25 (Bay)		800	800		0	0		200	200				400kV bay under construction (suitable for 1000MW evacuation): Dec'25
	Sub-Total (WR) (Jul'25 to Dec'25)		**11500**	**0**	**11500**		**1414**	**9800**	**11214**	**0**	**0**	**0**	**0**	**200**	**200**	**0**	**0**	**0**	
E. Commissioning beyond Dec-25																			
15	**Khavda complex**		**7500**		**7500**		**0**	**19390**	**19390**	**0**	**1600**	**1600**	**0**	**0**	**0**	**0**	0	**0**	**•Ph-1: 3GW - Completed in Feb-24. However, 2GW at KPS2 using Ph-I system would also require KPS2 S/s (Jan'25) •Ph-2: 5GW- Mar'25 •Ph-3: 7GW- Dec'25 •Ph-4: 7GW-Nov'26 •Ph-V: LCC Bipole-I:Nov'28) & LCC Bipole-II: May'29/ VSC 48 months from SPV transfer**
a	Khavda I PS (Sec-I)	Gujarat	1500		1500	Sec-I ICT: 2026-27		**1500**	1500	0	0	0	0	0	0	0	0	0	Total transformation capacity at Khavda complex (considering N-1 on each section): KPS1 - Sec-I: 6GW ; Sec-2: 4.5GW **Total KPS1: 10.5GW** KPS2 - Sec-I: 6GW ; Sec-2: 4.5GW **Total KPS2: 10.5GW** KPS3 - Sec-I: 4.5GW ; Sec-2: 4.5GW **Total KPS3: 9GW** **Total (KPS1, KPS2 & KPS3): 30GW**
b	Khavda II PS (Sec-I & II)	Gujarat	1500		1500	Sec-I ICT: 2026-27		250	250		1250	**1250**	0	0	**0**		0	**0**	

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-05-2025)

Sr. No.	Pooling Station	State	RE Potential (MW)			Expected CoD of Pooling Station	Connectivity Granted/ Agreed			Connectivity Under Process			Margin for Connectivity			Additional Margin for Connectivity requiring ICT Augmentation / additional Tr. System			Effectiveness of GNA for Capacity mentioned under "Margin for Connectivity"
			RE Potential (MW) [A]	BESS (MW) [B]	S/s Evacuation Capacity (RE Potential - BESS [A-B])		220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	
c	Khvada III PS (Sec-I & II)	Gujarat	4500		4500	Sec-II ICTs: Jun-26 (3x1500) & 2026-27 (1x1500)		5140	5140		0	**0**	0	0	**0**		0	**0**	**Under Process Application received for 120MW at KPS2 is beyond Phase-VII system.**
d	Khavda IV PS (Sec-I & II)	Gujarat	0		8750	2027-28		8750	8750		0	**0**	0	0	**0.0**	**0**	0	**0**	The Khavda Phase-I to Phase-VII shall be required for enabling evacuation of power upto 41.5GW from Khavda area out of which Phase-VI (5.5GW) & Phase-VII (6GW HVDC) are under approval stage.
e	Khavda V PS (Sec-I)	Gujarat	0		3750	2027-28		3750	3750		350	**350**	0	0	**0.0**	**0**	0	**0**	The Khavda Phase-I to Phase-VII shall be required for enabling evacuation of power upto 41.5GW from Khavda area out of which Phase-VI (5.5GW) & Phase-VII (6GW HVDC) are under approval stage. **Under Process Application received for 350MW at KPS5 is beyond Phase-VII system.**
16	Solapur PS (1.5GW)	Maharashtra	1500		1500	Mar-26 (exptd)	2140.0	1000.0	3140.0		2237	**2237**	0.0	0	**0.0**	**0**	**0**	**0**	**Solapur Ph-I (1.5GW): Mar-26: Under Implementation** **Solapur Ph-II (2GW): Under Planning** **For balance applications rteceived at Solapur PS beyond 3.5GW, additional System / Pooling Station may be needed.**
17	Pachora PS	Madhya Pradesh	2000		2000	Feb-26 (exptd)	2602		2602	0		**0**	0	0	**0**	**0**	**0**	**0**	Rajgarh Ph-I(1.5GW): Commissioned, Ph-II (1GW): Under Implementation & Ph-III (1.5GW): Under Approval **NO FURTHER MARGINS ARE AVAILABLE (BEYOND 4000MW AT PACHORA PS).**
18	Mandsaur PS	Madhya Pradesh	2000		2000	Aug-26 (exptd)	2998	1500	4498		2484	**2484**	0	0	**0**	**0**	**0**	**0**	Aug-26 : Under Implementation **With grant of connectivity under GNA to PSP at 400kV level (1512MW), it is considered at PSP shall not inject power under high RE period and hence not considered in given table** ICT Augmentation (765/400kV as well as 400/220kV ICTs) shall be required at Mandsaur for under process applications, as applicable. **NO FURTHER MARGINS ARE AVAILABLE (BEYOND 4500MW AT MANDSAUR PS).** Applications received beyond 4500MW would need to be deliberated.
19	Dhule PS	Maharashtra	2000		2000	Feb-26 (exptd)	1976		1976	2245		**2245**	0	0	**0**	**0**	**0**	**0**	Feb-26 (SCOD): Under Implementation. NO FURTHER MARGINS ARE AVAILABLE (BEYOND 2000MW. Applications received beyond 2000MW would require additional Tr. System to be planned.

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-05-2025)

Sr. No.	Pooling Station	State	RE Potential (MW)			Expected CoD of Pooling Station	Connectivity Granted/ Agreed			Connectivity Under Process			Margin for Connectivity			Additional Margin for Connectivity requiring ICT Augmentation / additional Tr. System			Effectiveness of GNA for Capacity mentioned under "Margin for Connectivity"
			RE Potential (MW) [A]	BESS (MW) [B]	S/s Evacuation Capacity (RE Potential - BESS [A-B])		220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	220kV	400kV	Total (MW)	
20	Jamnagar	Gujarat	1000		1000	Sep-26 (extd). 400/220kV ICT Augmentation under planning	1000	0	1000	956	0	**956**	0	0	**0**	**0**	**0**	**0**	765/400kV Jamnagar S/s is presently under tendering with time-line of 24 months from SPV transfer. **ICT Augmentation shall be required for injection at 220kV level.** Applications received beyond 1000MW would also require additional Tr. System to be planned.
21	Lakadia-I PS	Gujarat	2000		2000	Aug-26 (exptd)	2550	0	2550	0		**0**	0		**0**			**0**	**Total 3.5GW Capacity planned at Lakadia S/s and NO FURTHER MARGINS EXIST AT 220kV LEVEL OF LAKADIA S/s**
22	Jam Khambhaliya-II / Kalyanpur	Gujarat	2000		2000	2027-28	3336	1000	4336	400	0	**400**	0	0	**0**			**0**	Substation is under planning for 4.5GW in first phase.
23	Raghanesda (GIS)	Gujarat	3000		3000	Aug-27 (Exp. SCOD)	650	2800	3450	1105	5112	**6217**		0	**0**			**0**	Substation is under Bidding Process **NO FURTHER MARGINS ARE NOW AVAILABLE IN UNDER BIDDING SYSTEM. After 3.5GW, Augmentation shall be required for RE beyond 3.5GW at Raghanesda PS. Applications are received beyond Substation capacity.**
24	Bhuj-II PS	Gujarat	0		0	0.5GW: Jul'26 & 1.5GW: Nov'26	1942		1942	0	2124	**2124**	0	0	0	0	0	0	**NO FURTHER MARGINS ARE NOW AVAILABLE.** **For applications received beyond 2000MW, augmentation needs to be taken up.**
25	Jam Khambhaliya PS	Gujarat	1000		1000	May'26	1031	951	1982	0	0.0	**0**	0	0	0	0	0	0	Augmentation of 400/220kV ICTs is required. Margins are shown considering 9th ICT at JK PS as confirmed by JKTL. **NO FURTHER MARGINS ARE NOW AVAILABLE.**
26	Ishanagar	MP	0		0	Feb'26	0	650	650		630	**630**		0	0			0	Under Implementation. No further margins available at the substation.
27	Kurawar	MP	0		0	Sep'26	0		0		950.0	**950**			0	350		350	Under Implementation
28	Neemuch PS	MP	0		0	2026-27	1050		1050	0	0	**0**	0	0	0	0	0	0	Neemuch Ph-I(1GW): Commissioned, Ph-II (1GW): Under Approval **NO FURTHER MARGINS ARE AVAILABLE (BEYOND 2000MW AT NEEMUCH PS).**
29	Lakadia PS-II (Near Chitrod)	Gujarat	0		0	2027-28	4000	3500	7500	0	795	**795**	0	0	0	0	0	0	Substation is uner planning for 7.5GW. **Applications received beyond 7.5GW cannot be accomodated at this substation.**
30	Bhuj PS	Gujarat	500		500	2026-27	460		460	0		**0**	0.0	0	0	0	0	0	Margin of 76.4MW is being requested by pending applicants at Bhuj-II PS. Hence, no margin is left.
31	Morena PS (Ph-I)	MP	2500		2500	2027-28	1550	750	2300	0	0	**0**	0	0	0	1700	0	1700	Ph-I (2.5GW) under bidding stage
32	Mahuva Offshore PS (Ph-I)	Gujarat	500		500	2029	0		0	0		**0**	500		500	0	0	0	Scheme under implementation by POWERGRID with SCOD of Mar-29
	Subtotal WR (Beyond Dec'25)		**27500**	**0**	**27500**		**27284**	**31541**	**58824**	**4706**	**15932**	**20638**	**500**	**0**	**500**	**2050**	**0**	**2050**	
	Total (WR)		**67200**	**0**	**67200**		**41574**	**57862**	**99436**	**4706**	**16132**	**20838**	**650**	**278**	**928**	**2050**	**0**	**2050**	
In WR, Tr. System has been planned w/o considering BESS capacity of 1.1GW in Maharashtra																			
North Eastern Region																			
A. Commissioning beyond Dec-25																			
1	**Bokajan**	**Assam**	**1000**	**0**	**1000**	Dec-26 (exptd)	0	750	750	0	0	0	0	250	250	1500	0	1500	Under Implementation
	Subtotal NER (Beyond Dec'25)		**1000**	**0**	**1000**		**0**	**750**	**750**	**0**	**0**	**0**	**0**	**250**	**250**	**1500**	**0**	**1500**	
Total (All India)			**267583**	**20500**	**253583**		**156166**	**131253**	**287419**	**29694**	**19832**	**49526**	**8492**	**18778**	**27270**	**33643**	**8063**	**41706**	

The margins indicated may vary depending on network topology, Load-Generation balance, etc. For any clarification/information, CTU may be contacted.