

Connectivity Margin available at ISTS substations (all fig. in MW, as on 31-07-2025)																			
Sl. 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: Nov'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: Nov'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: Nov'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: Nov'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: Nov'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: Nov'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: Nov'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:Nov'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 connectivity 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))

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			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, connectivity 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 recently approved 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].

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			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	575	950	1525	0	0	0	1772	0	1772	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	3548	0	3548	Jun'31 to Dec'31 (HVDC)	600	0	600	1750	600	2350	0	0	0	1850	1200	3050	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 evacuation 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 connectivity at Jalore/Sanchore/Sirohi-II PS

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			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 connectivity 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	500	1177.33	1677	0	0	0	111	0	111	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 connectivity 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 connectivity 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	4830	0	4830	Mar'32 to Sep'32 (HVDC)	300	0	300	700	2100	2800	0	0	0	2000	900	2900	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)		107878	14500	92378		34194	38802	72996	3675	4827	8502	0	13000	13000	6060	3263	9323	
Total (NR)			129711	17500	111211		64706	57626	122332	3675	4827	8502	0	13050	13050	6060	3263	9323	
Southern Region																			
A. Existing RE Pooling Stations																			
1	NP Kunta	Andhra Pradesh	1500	0	1500	Existing	2200	0	2200	400	0	400	0	0	0	0	0	0	1500 MW : Existing Tr. System 5th & 6th ICT (Dec'25) 7th ICT required for appplications beyond 2.5 GW
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 : Dec'25: Narendra-Pune

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			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)	
3	Tuticorin-II GIS	Tamil Nadu	2500	0	2500	Existing	2848	0	2848	100	0	100	52	0	52				1870 MW : Existing Tr. System 640 MW: Dec'25: Narendra-Pune & 6th ICT 438 MW : Mar'27 : 7th ICT
4	Koppal PS	Karnataka	2500	0	2500	Existing	2753	0	2753	300	0	300	0	0	0				1260 MW : Existing Tr. System 1493 MW:Dec'25: Narendra-Pune Koppal PS has been closed for all purposes and under process applications may not be accommodated.
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: Dec'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: Dec'25: Narendra-Pune
7	Kurnool-III PS	Andhra Pradesh	4500	0	4500	Existing	2250	1850	4100	0	0	0	0	0	0				Kurnool-III PS commissioned, entire system expected by Sept'25 Kurnool-III PS has been closed for all purposes.
	Sub-Total (Existing)		16550	0	16550		15762	1850	17612	800	0	800	52	0	52	0	0	0	
C. Commissioning between Jul-25 to Dec-25																			
8	Karur PS (Phase-II)	Tamil Nadu	1500	0	1500	Feb'26	1351	0	1351	300	0	300	0	0	0	0	0	0	Augmentation of ICTs and transmission line is required to accommodate under process applications Entire quantum of the under process applicatiuon cannot be accomadetd
9	Koppal-II/ Gadag-II Complex	Karnataka	8000	2000	6000		6620	1800	8420	635	0	635	600	0	600	0	0	0	
a	Koppal-II PS	Karnataka	4000	1000	3000	Dec'25	3305	0	3305	175	0	175	600	0	600	0		0	Dec'25
b	Gadag-II PS	Karnataka	4000	1000	3000	Dec'25	3316	1800	5116	460	0	460	0	0	0	0		0	Dec'25 PSP not considered for determination of margins.
10	Ananthapuram PS	Andhra Pradesh	3500	0	3500	Sept'25	1545	2484	4029	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		10316	4284	14600	935	0	935	600	0	600	0	0	0	
D. Commissioning beyond Dec'25																			
11	Davangere Complex	Karnataka	8500	1000	7500	Mar'27	7022	850	7872	2989	0	2989	0	0	0	0	0	0	Mar'27 to Sep'27 (assuming SPV transfer by Mar'25)
a	Davangere	Karnataka	4250	1000	3250	Mar'27	3388	850	4238	724	0	724	0	0	0	0	0	0	2000 MW :Mar'27 Balance tr. System under bidding All under process applications may not be accommodated.
b	Bellary	Karnataka	4250	0	4250	Sep'27	3634	0	3634	2265	0	2265	0	0	0	0	0	0	1500 MW :Sep'27 Balance tr. System under bidding All under process applications may not be accommodated.

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			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)	
12	Bijapur	Karnataka	3500	0	3500	Jan'27	1962	0	1962	4431	1200	5631	0	0	0	0	0	0	2000 MW :Jan'27 All under process applications may not be accommodated.
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		10410	7730	18140	0	1450	1763	180	0	180	0	0	0	Progressivly from Mar'27 to Apr'27
a	Kurnool-III (Expansion with ICTs)	Andhra Pradesh	4500	0	4500	Mar'27	0	3500	3500	0	1450	1450	0	0	0	0	0	0	<ul style="list-style-type: none">• PSP not considered for determination of margins• Kurnool-III PS has been closed for all purposes. All under process applications may not be accommodated.
b	Ananthapuram PS-II	Andhra Pradesh	7500	0	7500	Mar'27 (Ph-I) Mar'28 (Ph-II)	5420	1900	7320	0	0	313	0	0	0	0	0	0	Mar'27 (Phase-1) Progressively from Sept'27 to Mar'28 (Phase-2) All under process applications may not be accommodated.
c	Kurnool-IV	Andhra Pradesh	7500	0	7500	Mar'27 (Ph-I) Mar'28 (Ph-II)	4990	2330	7320	0	0	0	180	0	180	0	0	0	Mar'27 (Phase-1) Progressively from Sept'27 to Mar'28 (Phase-2)
15	Tumkur-II	Karnataka	3000	0	3000	Sep'26	2100	0	2100	2450	0	2450	0	0	0	0	0	0	1500 MW : Sep'26 All under process applications may not be accommodated.
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 : May'26 Under process applications may not be accommodated.
19	Ananthapuram PS-III	Andhra Pradesh	7500	0	7500	Sep'28	3630	0	3630	1360	0	1360	2510	0	2510	0	0	0	Ph-I (4.5 GW) Sep'28
20	Kurnool-V	Andhra Pradesh	7500	0	7500	Sep'28	1330	0	1330	570	0	570	5600	0	5600	0	0	0	Ph-I (4.5 GW) Sep'28
21	Kadapa-II	Andhra Pradesh	7500	0	7500	Dec'28	600	0	600	0	0	0	1400	2500	3900	2000	1000	3000	Dec'28

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-07-2025)

Sl. 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)	
	Sub-Total SR (Beyond Dec'25)		65000	1000	49000		31554	8580	40134	14850	3750	18913	15190	2500	17690	15000	1000	16000	
	Total (SR)		94550	3000	76550		57632	14714	72346	16585	3750	20648	15842	2500	18342	15000	1000	16000	
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.

Connectivity Margin available at ISTS substations (all fig. in MW, as on 31-07-2025)																			
Sl. 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)	
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. Connectivity of (100+76+48MW) of Renew has been revoked under non-compliance of 24.6 & the matter is presently subjudice.
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 - KPS1 (Comm) / KPS2: Jan'25(SCOD)/ Sep'25 (ACOD) •Ph-2: 5GW- Mar'25 (SCOD)/Nov'25 (ACOD) •Ph-3: 7GW- Dec'25 (SCOD)/ Jun'26 (ACOD)
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) 148.75MW Connectivity granted to Anupavan has been revoked under 11A. Further, 200MW connectivity of Serentica & 117MW of Renew(MHP) has been revoked under 24.6, however, matter is presently subjudice.
	Subtotal (By Jun'25)		11500	0	11500		835	11522	12356	0	200	200	150	78	228				
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 (SCOD) •Ph-3: 7GW- Dec'25 (SCOD) •Ph-4: 7GW-Nov'26 (SCOD) •Ph-V: LCC Bipole-I:Nov'28) & LCC Bipole-II: May'29 (SCOD) / 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
b	Khavda II PS (Sec-I & II)	Gujarat	6000		6000	Sec-I & II ICTs : Feb'26		6000	6000		0	0	0	0	0				

Connectivity Margin available at ISTS substations

(all fig. in MW, as on 31-07-2025)

Sl. 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)	Gujarat	1500		1500	Sec-I ICT : Jul'25		1500	1500		0	0	0	0	0				Total KPS3: 9GW Total (KPS1, KPS2 & KPS3): 30GW

Connectivity Margin available at ISTS substations (all fig. in MW, as on 31-07-2025)																			
Sl. 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	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 received beyond margins.
14	Lakadia PS	Gujarat	1000		1000	Oct'25	950	0	950	0		0	0	0	0	0	0	0	Oct-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 (SCOD) •Ph-3: 7GW- Dec'25 (SCOD) •Ph-4: 7GW-Nov'26 (SCOD) •Ph-V: LCC Bipole-I:Nov'28) & LCC Bipole-II: May'29 (SCOD) / 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
b	Khavda II PS (Sec-I & II)	Gujarat	1500		1500	Sec-I ICT: 2026-27		250	250		1250	1250	0	0	0		0	0	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
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	Total KPS3: 9GW Total (KPS1, KPS2 & KPS3): 30GW
d	Khavda IV PS (Sec-I & II)	Gujarat	0		8750	2027-28		8750	8750		0	0	0	0	0.0	0	0	0	Under Process Application received for 1250MW at KPS2 is beyond Phase-VII system.
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)	2450.0	800.0	3250.0		2207	2207	0.0	0	0.0	0	0	0	Solapur Ph-I (1.5GW): Mar-26: Under Implementation Solapur Ph-II (2GW): On hold pending potential declaration by MNRE For balance applications received at Solapur PS beyond 3.5GW, additional System / Pooling Station may be needed. 200MW margin is available at 400kV which will be allocated to applicants in order of priority of applications at Solapur PS.
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 Bidding NO FURTHER MARGINS ARE AVAILABLE (BEYOND 4000MW AT PACHORA PS).

Connectivity Margin available at ISTS substations (all fig. in MW, as on 31-07-2025)																			
Sl. 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)	
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.
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	3500	1000	4500		450	450	0	0	0			0	Substation is under planning for 4.5GW in first phase.
23	Raghnesda (GIS)	Gujarat	3000		3000	Oct-27 (SCOD)	650	2800	3450	1105	5112	6217		0	0			0	Substation is under implementation. NO FURTHER MARGINS ARE NOW AVAILABLE IN UNDER BIDDING SYSTEM. After 3.5GW, Augmentation shall be required for RE beyond 3.5GW at Raghnesda PS. Applications are received beyond Substation capacity.
24	Bhuj-II PS	Gujarat	0		0	0.5GW: Nov'26 & 1.5GW: Dec'26	1442		1442	0	2759	2759		0	0	0	0	0	NO FURTHER MARGINS ARE NOW AVAILABLE. For applications received beyond 2000MW, augmentation needs to be taken up. 500MW (350+50+100MW) Connectivity of Acme has been revoked based on applicants request. Further, 300MW Connectivity of Inox has been revoked under non-compliance of 24.6. The margin would be allocated to applicants after reallocation exercise in order of priority at Bhuj complex.
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

Connectivity Margin available at ISTS substations
(all fig. in MW, as on 31-07-2025)

Sl. 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)	
28	Neemuch PS	MP	0		0	2027-28	1050		1050	0	0	0	0	0	0	0	0	0	Neemuch Ph-I(1GW): Commissioned, Ph-II (1GW): Under Bidding. NO FURTHER MARGINS ARE AVAILABLE (BEYOND 2000MW AT NEEMUCH PS).

Connectivity Margin available at ISTS substations (all fig. in MW, as on 31-07-2025)																			
Sl. 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)	
29	Lakadia PS-II (Near Chitrod)	Gujarat	0		0	2027-28	3879	3621	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. Further, 93.5MW Connectivity of Netra & 2.1MW of Avikiran has been revoked under non-compliance of 24.6. The margin would be allocated to applicants in order of priority after reallocation exercise at Bhuj complex.
31	Morena PS (Ph-I)	MP	2500		2500	2027-28	1550	750	2300	350	500	850	0	0	0	850	0	850	Ph-I (2.5GW) under bidding stage. For applications beyond 2.5GW, additional transmission system is being planned.
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		27137	31461	58598	4656	17487	22143	500	0	500	1200	0	1200	
	Total (WR)		67200	0	67200		41427	57783	99210	4656	17687	22343	650	278	928	1200	0	1200	
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)			292461	20500	255961		163764	130873	294637	24916	26264	51493	16492	16078	32570	23760	4263	28023	

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

As per the 3rd amendment of GNA Regulations, the substation/bay-wise details for Solar/Non-Solar hours at various ISTS substations is under preparation and shall be updated at CTUIL website shortly