

Connectivity Margin available at ISTS substations (all fig. in MW, as on 30-09-2024)																			
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	4755MW: Existing 3070MW: Dec'24 : (Ph-II Part-D/E) 1700MW:Mar'25 onwards (Ph-III) (upto Aug'26)
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	1175MW: Existing 3070MW: Dec'24 : (Ph-II Part-D/E) 1700MW: Mar'25 onwards (Ph-III) (upto Aug'26)
2	Fatehgarh-Barmer Complex	Rajasthan	9600	0	9600	Existing	6940	3200	10140	0	0	0	0	0	0	0	0	0	5340MW: Existing 4300MW: Dec'24 (Ph-II Part-D/E) (upto Aug'26)
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	2940MW: Existing 2520MW: Dec'24 (Ph-II-D/E) (upto Aug'26)
c	Fatehgarh-III (Section-I)	Rajasthan	1900	0	1900	Existing	2480	0	2480	0	0	0	0	0	0	0	0	0	200MW: Existing 1780MW: Dec'24(Ph-II) Including 2x250MW BESS granted at Fatehgarh-III (Section-I)
3	Bikaner Complex	Rajasthan	3850	0	3850	Existing	2235	3940	6175	0	0	0	0	50	50	0	0	0	2865MW: Existing 780MW: Dec'24 (Ph-II-G) 530MW: Dec'25 (upto Aug'26) (Ph-IV Part-I &II) 50MW- Mar'27 (Ph-V Part 1)
a	Bikaner	Rajasthan	1850	0	1850	Existing	1235	2940	4175	0	0	0	0	50	50	0	0	0	2865MW: Existing 780MW: Dec'24 (Ph-II-G) 530MW: Dec'25 (upto Aug'26) (Ph-IV Part-I &II) 50MW- Mar'27 (Ph-V Part 1)
b	Bikaner-II	Rajasthan	2000	0	2000	2x500MVA, 400/220kV ICT at Bikaner-II PS: Existing	1000	1000	2000	0	0	0	0	0	0	0	0	0	2000MW: Dec'24 (Ph-II Part-G)
	Sub-Total (Existing)		21880	0	21880		16650	9190	25840	0	0	0	0	50	50	0	0	0	
B. Commissioning between Jul'24 - Jun'25																			
1	(Bhadla Complex) Bhadla-III*	Rajasthan	2500	0	2500	Mar'25 (3x500MVA, 400/220kV ICT & 2x1500MVA, 765/400kV ICT)	1500	1000	2500	0	0	0	0	0	0	0	0	0	3700MW : Mar'25 onwards (Upto Aug'26): cumulative at Ramgarh & Bhadla-III: Raj. (Ph-III) Beyond 3700MW : Bhadla HVDC (Nov'28 Pole-1 & May'29 Pole-2)
2	Fatehgarh-Barmer Complex	Rajasthan	7333	0	7333		4095	3550	7645	0	0	0	50	0	50	0	0	0	Feb'25 onwards (Ph-III) (Upto Mar' 27)
a	Fatehgarh-III (Section-II)	Rajasthan	5233	0	5233	Feb'25	2070	3550	5620	0	0	0	50	0	50	0	0	0	Feb'25 onwards- (Ph-III) (Upto Mar'27)
b	Fatehgarh-IV (Section-I)	Rajasthan	2100	0	2100	Feb'25	2025	0	2025	0	0	0	0	0	0	0	0	0	Feb'25 onwards (Ph-III) (Upto Aug26)

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(all fig. in MW, as on 30-09-2024)

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)	
3	(Bikaner Complex) Bikaner-II	Rajasthan	5000	3000	2000	2x500MVA, 400/220kV ICTs: Existing 5x500MVA, 400/220kV ICT: Dec'24 1x500MVA, 400/220kV ICT: Jan'25	3460	0	3460	0	0	0	0	0	0	0	0	0	827MW: Dec'24 (Bikaner-II Additional 400/220kV ICTs) 2633MW: Dec'25 (Upto Aug'26) (Ph-IV Part-I&II)
4	(Ramgarh Complex) Ramgarh	Rajasthan	4000	0	4000	Mar'25	1200	2784	3984	0	0	0	0	0	0	0	0	0	650MW-2900MW : Bhadla HVDC (Nov'28 Pole-1 & May'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 Mar'30).
	Sub-Total (Jul'24 to Jun'25)		18833	3000	15833		10255	7334	17589	0	0	0	50	0	50	0	0	0	
	Sub-Total NR (By Jun'25)		40713	3000	37713		26905	16524	43429	0	0	0	50	50	100	0	0	0	
C. Commissioning between Jul-25 to Dec-25																			
1	(Bhadla Complex) Bhadla-III	Rajasthan	1000	0	1000	1x1500-Dec'25 + Feb'26 (2x500MVA, 400/220kV ICT & 1x1500MVA, 765/400kV ICT)	1000	0	1000	0	0	0	0	0	0	0	0	0	3700MW : Mar'25 onwards (Upto Aug'26): cumulative at Ramgarh & Bhadla-III: Raj. (Ph-III) Beyond 3700MW : Bhadla HVDC (Nov'28 Pole-1 & May'29 Pole-2)
2	(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 tentative schedule Oct'26
	Sub-Total (Jul'25 to Dec'25)		8000	3000	5000		3267	2400	5667	0	0	0	0	0	0	0	0	0	
D. Commissioning between Jan-26 to Mar-30																			
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): Oct'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	Sep'26	3950	0	3950	0	0	0	50	0	50	0	0	0	Hybrid RE Potential: 5.5GW (Wind+Solar) along with BESS (1.5 GW), S/s Evacuation Capacity: 4GW. About 1.5GW: Sep'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 planning (sch.upto Dec'29).
3	(Fatehgarh-Barmer Complex) Barmer-II	Rajasthan	6000	0	6000	Jun'29 to Dec'29 (HVDC)	1780	3712	5492	0	0	0	0	0	0	508	0	508	HVDC Corridor is under planning for total 6 GW capacity (Expected Sch.Pole-1:Jun'29, Pole-2: Dec'29).
4	(Fatehgarh-Barmer Complex) Barmer-III	Rajasthan	6000	0	6000	Jul'30 to Dec'30 (HVDC)	730	0	730	1403	0	1403	0	0	0	1868	2000	3868	HVDC Corridor is under planning for total 6 GW capacity (Expected Sch.Pole-1:Jun'30, Pole-2: Dec'30).

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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	(Bikaner Complex) Bikaner-IV	Rajasthan	6000	0	6000	Sep'29 to Mar'30 (HVDC)	3150	2850	6000	0	0	0	0	0	0	0	0	0	Comprehensive Transmission scheme for Bikaner-IV PS (6GW) is under bidding (exp. Sch. -Oct'26). For application of >6GW, connectivity will be provided at Bikaner-V PS for which system is under planning (sch.upto Mar'30).
6	(Bikaner Complex) Bikaner-V	Rajasthan	6000	0	6000	Sep'29 to Mar'30 (HVDC)	2236	1000	3236	1890	0	1890	0	0	0	0	874	874	HVDC Corridor is being planned for total 6 GW capacity (Expected Sch.Pole-1:Sep'29, Pole-2: Mar'30))
7	Sirohi	Rajasthan	3000	1000	2000	Aug'26	1400	700	2100	350	0	350	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 including immediate evacutaion (400/220kV ICT & 220kV bays) is recently approved in NCTs part of Raj. REZ Ph-V (Part-1) (Exp. sch. Mar'27). Beyond 2 GW in Sirohi complex, additional transmission system from Sirohi complex is to be identified (Sch.- up to Sep'30).
8	Bhadla Complex (Bhadla-III Section linked to Bhadla HVDC station & system)	Rajasthan	3000	0	3000	Nov'28 to May'29 (5x500MVA, 400/220kV ICT)	1500	1450	2950	0	0	0	50	0	50	0	0	0	3700MW : Mar'25 onwards (Upto Aug'26): cumulative at Ramgarh & Bhadla-III: Raj. (Ph-III) Beyond 3700MW : Bhadla HVDC (Nov'28 Pole-1 & May'29 Pole-2). For application of >6.5GW@Bhadla-III, connectivity will be provided at Bhadla-IV PS for which system is under planning (sch.upto Mar'30).
9	Bhadla Complex (Bhadla-IV)	Rajasthan	5000	2000	2000	Sep'29 to Mar'30 (HVDC)	300	2815	3115	50	0	50	0	0	0	2650	185	2835	Transmission system for evacuation of power from Bhadla-IV PS is under planning (6GW HVDC) (Expected Sch.Pole-1:Sep'29, Pole-2: Mar'30))
10	Nagaur Complex (Merta-II)	Rajasthan	2000	0	2000	Dec'26	2100	0	2100	850	0	850	0	0	0	0	0	0	Connectivity at Merta-II in Nagaur Complex will be granted upto 2 GW. Immediate evacuation requirement (5x500 MVA 400/220kV ICTs and 220kV bays) from Merta-II PS is approved recently as part of Raj. SEZ Ph-IV (Part-IV) scheme in NCT meeting. However Inter rgional Tr. requirement for 2GW power evacuation for connectivity under GNA is recently approved in NCT as part of Raj. REZ Ph-V (Part-1) (Sch. Mar'27).Beyond 2 GW in Merta/Nagaur complex, Tr. system to be identified (Sch.- up to Mar'31).
11	Jalore Complex (Jalore)	Rajasthan	3000	1000	2000	Mar'30 to Sep'30 (HVDC)	900	1000	1900	0	0	0	0	0	0	0	0	0	HVDC Transmission system (5GW or 6GW) for evacuation of power from Jalore complex (Jalore/Pali/Sanchore) is under planning (Exp. Comm. Schedule up to Sep'30).
11	Sanchore Complex (Sanchore)	Rajasthan	3000	1000	2000	Mar'30 to Sep'30 (HVDC)	300	0	300	0	0	0	0	0	0	700	1000	1700	HVDC Transmission system (6GW) for evacuation of power from Jalore complex (Jalore/Pali/Sanchore) is under planning (Exp. Comm. Schedule up to Sep'30).

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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	Ramgarh Complex Ramgarh-II	Rajasthan	8000	3000	5000	Sep'29 to Mar'30 (HVDC)	950	2700	3650	297	0	297	0	0	0	1053	0	1053	Hybrid RE Potential: 8GW (Wind+Solar) along with BESS (3 GW), S/s Evacuation Capacity: 5GW. HVDC Transmission system for evacuation of power is under planning (Exp Comm. Schedule up to Mar'30).
13	Pali Complex (Pali)	Rajasthan	3000	1000	2000	Sep'30 to Mar'31 (HVDC)	600	0	600	0	0	0	0	0	0	1400	0	1400	HVDC Transmission system (6GW) for evacuation of power from Jalore complex (Jalore/Pali/Sanchore) is under planning (Exp. Comm. Schedule up to Mar'31).
14	Pang (Leh)	Ladakh	13000	0	13000	2029-30 (VSC HVDC)	0	0	0	0	0	0	0	13000	13000	0	0	0	Leh - Enviaged 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.
	Sub-Total NR (Beyond Dec'25)		81500	14500	66000		23376	17727	41103	4840	0	4840	100	13000	13100	8179	4059	12238	
	Total (NR)		130213	20500	108713		53548	36651	90199	4840	0	4840	150	13050	13200	8179	4059	12238	
Southern Region																			
A. Existing RE Pooling Stations																			
1	NP Kunta	Andhra Pradesh	1500	0	1500	Existing	1700	0	1700	0	0	0	0	0	0	300	0	300	1500 MW : Existing Tr. System 300 MW: 5th ICT (UC)
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'24 : Narendra-Pune
3	Tuticorin-II GIS (erstwhile Tirunelveli (PG))	Tamil Nadu	2500	0	2500	Existing	2320		2320	320	0	320	0	0	0				1870 MW : Existing Tr. System 300 MW: Dec'24 : Narendra-Pune 330 MW: Dec'25 : 6th ICT for N-1 Margins are on existing bays through sharing Some of the under process applications may not be accommodated.
4	Koppal PS	Karnataka	2500	0	2500	Existing	2753	0	2753	0	0	0	0	0	0				1260 MW : Existing Tr. System 1493 MW: Dec'24 Narendra-Pune 300 MW opted for surrender under GNA.
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'24: Narendra-Pune
6	Gadag PS	Karnataka	2500	0	2500	Existing	2383	0	2383	0	0	0	0	0	0				460 MW : Existing Tr. System 1925 MW: Dec'24 Narendra-Pune
	Sub-Total (Existing)		12050	0	12050		12624	0	12624	320	0	320	0	0	0	300	0	300	
B. Commissioning by Jun'25																			
a	Kurnool-III PS	Andhra Pradesh	4500	0	4500	Nov'24	2390	2650	5040	0	0	0	0	0	0				Nov'24 Kurnool-III PS has been closed for all purposes.
	Sub-Total (By June'25)		4500	0	4500		2390	2650	5040	0	0	0	0	0	0	0	0	0	
	Sub-Total SR (by June'25 incl. existing)		16550	0	16550	0	15014	2650	17664	320	0	320	0	0	0	300	0	300	
C. Commissioning between Jul-25 to Dec-25																			
8	Karur PS (with transformer augmentation under Phase-II)	Tamil Nadu	1500	0	1500	2025-26	821	0	821	0	0	0	179	0	179	500	0	500	500 MVA ICT (5th) is required to accommodate under process applications.

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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)	
9	Koppal-II/ Gadag-II Complex	Karnataka	8000	2000	6000	2025-26	7650	1800	9450	0	0	0	0	0	0	0	0	0	2025-26 Koppal-II PS and Gadag-II PS has been closed for all purposes.
a	Koppal-II PS	Karnataka	4000	1000	3000	Dec'25	4175	0	4175	0	0	0	0	0	0	0		0	Dec'25
b	Gadag-II PS	Karnataka	4000	1000	3000	Dec'25	3476	1800	5276	0	0	0	0	0	0	0		0	Dec'25 PSP of 900 MW not considered for determination of margins.
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		10816	4510	15326	0	0	0	179	0	179	500	0	500	
D. Commissioning beyond Dec'25																			
11	Davangere Complex	Karnataka	5500	1000	4500	2026-27	3641	0	3641	5434	0	5434	0	0	0	0	0	0	2026-27
a	Davangere	Karnataka	4000	1000	3000	2026-27	3065	0	3065	1000	0	1000	0	0	0	0	0	0	2026-27 Augmentation of additional 6x500 MVA & 2x1500 MVA ICTs is required to accommodate under process applications. Some of the under process applications may not be accommodated.
b	Bellary	Karnataka	1500	0	1500	2026-27	576	0	576	4434	0	4434	0	0	0	0	0	0	2026-27 Augmentation of ICTs and transmission line is required to accommodate under process applications. Some of the under process applications may not be accommodated.
12	Bijapur	Karnataka	2000	0	2000	2026-27	1614	0	1614	3254	1200	4454	0	0	0	0	0	0	2026-27 Augmentation of ICTs and transmission line is required to accommodate under process applications. Some of the under process applications may not be accommodated.
13	Bidar PS	Karnataka	2500	0	2500	Feb'26	2800	0	2800	1470	0	1470	230	0	230	0		0	Feb'26 Augmentation of 5x500 MVA ICTs (6th - 10th) and transmission line is required to accommodate under process applications.
14	Ananthapuram/ Kurnool complex	Andhra Pradesh	13500	0	13500	2026-27	4679	4950	9629	843	990	1833	638	3500	4138	3000	2500	5500	Progressivly from Dec'25 to 2026-27
a	Kurnool-III (Expansion with ICTs)	Andhra Pradesh	4500	0	4500	2026-27	660	3950	4610	0	0	0	0	0	0	0	0	0	<ul style="list-style-type: none"> • 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	4500	0	4500	2026-27	2489	1000	3489	270	990	1260	241	500	741	1500	1500	3000	2026-27 <ul style="list-style-type: none"> • New Pooling Station under bidding in Ananthapuram area of AP. • Application for 990 MW of PSP sought at Kadapa-II
c	Kurnool-IV	Andhra Pradesh	4500	0	4500	2026-27	1530	0	1530	573	0	573	397	3000	3397	1500	1000	2500	2026-27 <ul style="list-style-type: none"> • New Pooling Station under bidding in Kurnool area of AP. • Augmentation of 2x500 MVA ICT (5th & 6th) is required to accommodate under process applications.

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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)	
15	Tumkur-II	Karnataka	1500	0	1500	2026-27	1350	0	1350	3550	0	3550	0	0	0	0	0	0	2026-27 Augmentation of ICTs and transmission line is required to accommodate under process applications.
16	Nizamabad Complex	Telangana	5000	0	5000	2026-27	0	0	0	0	0	0	5000	0	5000	8500	0	8500	2026-27 No application
a	Nizamabad-II	Telangana	2000	0	2000	2026-27	0	0	0	0	0	0	2000	0	2000	2500		2500	2026-27 No application Augmentation of ICTs and transmission line, if any, can be taken up on receipt of application
b	Medak	Telangana	1500	0	1500	2026-27	0	0	0	0	0	0	1500	0	1500	3000		3000	2026-27 No application Augmentation of ICTs and transmission line, if any, can be taken up on receipt of application
c	Rangareddy	Telangana	1500	0	1500	2026-27	0	0	0	0	0	0	1500	0	1500	3000		3000	2026-27 No application Augmentation of ICTs and transmission line, if any, can be taken up on receipt of application
17	Avairakulam (Off shore)	Tamil Nadu	500	0	500	2029-30	0	0	0	0	0	0	0	0	0	4500	0	4500	Mar'2030
18	Pavagada (expansion with ICTs)	Karnataka	0	0	0	May'26	0	0	0	0	0	0	1150	0	1150	0	0	0	8th, 9th & 10th ICTs
	Sub-Total SR (Beyond Dec'25)		30500	1000	29500		14084	4950	19034	14551	2190	16741	7018	3500	10518	16000	2500	18500	
	Total (SR)		60050	3000	57050		39914	12110	52024	14871	2190	17061	7197	3500	10697	16800	2500	19300	
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	53	53	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		1000	1000		1000	1000		0	0				Sep-24: Under Scope of applicant (ReNew). NO FURTHER MARGINS LEFT.
8	Khavda I PS (Sec I)	Gujarat	3000		3000	Existing		3000	3000			0	0	0	0				3GW: Commissioned
	Subtotal (Existing)		16700	0	16700		12042	4000	16042	0	1053	1053	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				

Connectivity Margin available at ISTS substations (all fig. in MW, as on 30-09-2024)																			
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	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)	983	1011	1994	0	11	11	51	278	329				1GW ICTs: Dec-24 & System for 2.25GW: Under Implementation-Oct-25 (exptd)
	Subtotal (By Jun'25)		11500	0	11500		983	11511	12494	0	11	11	51	278	329				
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-Jun-26 (Under bidding - 24 months from SPV transfer) •Ph-V: 48(Bipole-I) / 54(Biple-II) 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: 4.5GW Total KPS1: 9GW 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): 28.5GW Balance 1.5GW transformation capacity at KPS3 would be taken up matching with progress of RE generation.
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)		480	480		220	220		300	300				400kV bay under construction (suitable for 1000MW evacuation): Dec'25
	Sub-Total (WR) (Jul'25 to Dec'25)		11500	0	11500		1414	9480	10894	0	220	220	0	300	300	0	0	0	

Connectivity Margin available at ISTS substations (all fig. in MW, as on 30-09-2024)																			
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)	
E. Commissioning beyond Dec-25																			
15	Khavda complex		6000		6000		0	5390	5390	0	0	0	0	0	0	0	1250	1250	•Ph-1: 3GW - Part System charged in Dec-23 & balance by Mar-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-Jun-26 (Under bidding - 24 months from SPV transfer) •Ph-V: 48(Bipole-I) / 54(Biple-II) months from SPV transfer
a	Khavda I PS (Sec-I)	Gujarat	1500		1500	Sec-I ICT: 2026-27		810	810	0	0	0	0	690	690	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		0	0	0	0	0		1250	1250	
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	
16	Solapur PS (1.5GW)	Maharashtra	1500		1500	Mar-26 (exptd)	1300.0		1300.0	960	500	1460	240.0	0	240.0	0	0	0	Solapur Ph-I (1.5GW): Mar-26: Under Implementation Solapur Ph-II (1.5GW): Under Planning
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)	1734	600	2334	664	600	1264	0	0	0	402	0	402	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.
19	Dhule PS	Maharashtra	2000		2000	Feb-26 (exptd)	290		290	300		300	1410	0	1410	2000	0	2000	Feb-26 (SCOD): Under Implementation

(all fig. in MW, as on 30-09-2024)

In WR, Tr. System has been planned w/o considering BESS capacity of 1.1GW in Maharashtra

A. Commissioning between Jul-25 to Dec-25

[illegible]

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