

Connectivity Margin available at ISTS substations (all fig. in MW, as on 31-08-2024)																			
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	2000	9475	0	0	0	0	50	50	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	2000	5895	0	0	0	0	50	50	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	3050	9990	0	150	150	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	850	5310	0	150	150	0	0	0	0	0	0	2940MW: Existing 2520MW: Dec'24 (Ph-II-D/E) (upto Aug'26) Connectivity can only be accommodated upto 5460MW @ Fatehgarh-II PS. 150MW margin [at 220kV or 400kV] (out of 5460MW) can only be available with augmentation of 765/400kV, 1500MVA ICT (7th) at Fatehgarh-II PS (Recently approved in NCT- Sch. 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	3990	6225	0	0	0	0	0	0	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	2990	4225	0	0	0	0	0	0	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	9040	25690	0	150	150	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 (Oct'28 Pole-1 & Apr29 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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			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	2785	0	2785	675	0	675	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) ** Soltown Infra has been offered transtion for 675MW as per Hon'ble Commission order on petition no. 114/MP/2023. However, treatment of transition of connectivity & capacity allocation shall be subject to review petition filed by CTUIL before Hon'ble Commission to reveiw its order in Petition No. 114/MP/2023.
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		9580	7334	16914	675	0	675	50	0	50	0	0	0	
	Sub-Total NR (By Jun'25)		40713	3000	37713		26230	16374	42604	675	150	825	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 & Apr'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) : up to 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)	2210	3712	5922	0	0	0	0	0	0	50	0	50	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)	350	0	350	380	0	380	0	0	0	3270	2000	5270	HVDC Corridor is under planning for total 6 GW capacity (Expected Sch.Pole-1:Jun'30, Pole-2: Dec'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)	
5	(Bikaner Complex) Bikaner-IV	Rajasthan	6000	0	6000	-6000	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)	1486	1000	2486	750	0	750	0	0	0	1764	1000	2764	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	1250	0	1250	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)	635	2115	2750	0	850	850	0	0	0	2365	35	2400	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	950	0	950	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)	600	1000	1600	300	0	300	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).

(all fig. in MW, as on 31-08-2024)

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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)	
	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	664	0	664	157	0	157	179	0	179	500	0	500	500 MVA ICT (5th) is required to accommodate under process applications.
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		10659	4510	15169	157	0	157	179	0	179	500	0	500	
D. Commissioning beyond Dec'25																			
11	Davangere Complex	Karnataka	5500	1000	4500	2026-27	3115	0	3115	2208	0	2208	185	0	185	1992	0	1992	2026-27
a	Davangere	Karnataka	4000	1000	3000	2026-27	3115	0	3115	200	0	200	185	0	185	1000	0	1000	2026-27 Augmentation of 4x500 MVA ICTs is required to accommodate under process applications.
b	Bellary	Karnataka	1500	0	1500	2026-27	0	0	0	2008	0	2008	0	0	0	992	0	992	2026-27 Augmentation of ICTs and transmission line is required to accommodate under process applications.
12	Bijapur	Karnataka	2000	0	2000	2026-27	1614	0	1614	2954	0	2954	0	0	0	0	0	0	2026-27 Augmentation of ICTs and transmission line is required to accommodate under process applications.  Further Margins are not available after accomodating under process applicatyiions and Bijapur PS shall be closed for all purposes thereafter.
13	Bidar PS	Karnataka	2500	0	2500	Feb'26	2800	0	2800	550	0	550	150	0	150	1000		1000	Feb'26 Augmentation of 3x500 MVA ICTs (6th, 7th & 8th) and transmission line is required to accommodate under process applications.
14	Ananthapuram/ Kurnool complex	Andhra Pradesh	13500	0	13500	2026-27	3879	3950	7829	1050	1990	3040	231	4000	4231	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"> <li>PSP of 1850 MW not considered for determination of margins</li> <li>Augmentation of ICTs and transmission line under approval</li> <li>Kurnool-III PS has been closed for all purposes.</li> </ul>
b	Ananthapuram PS-II	Andhra Pradesh	4500	0	4500	2026-27	1989	0	1989	500	1990	2490	11	1000	1011	1500	1500	3000	2026-27 <ul style="list-style-type: none"> <li>New Pooling Station under bidding in Ananthapuram area of AP.</li> <li>Application for 990 MW of PSP sought at Kadapa-II</li> </ul>

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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)	
c	Kurnool-IV	Andhra Pradesh	4500	0	4500	2026-27	1230	0	1230	550	0	550	220	3000	3220	1500	1000	2500	2026-27 • New Pooling Station under bidding in Kurnool area of AP. • Augmentation of 1x500 MVA ICT (5th) is required to accommodate under process applications.
15	Tumkur-II	Karnataka	1500	0	1500	2026-27	1350	0	1350	3350	0	3350	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	1150	0	1150	0	0	0	0	0	0	0	0	0	8th, 9th & 10th ICTs
	Sub-Total SR (Beyond Dec'25)		30500	1000	29500		13908	3950	17858	10112	1990	12102	5566	4000	9566	18992	2500	21492	
Total (SR)			60050	3000	57050		39581	11110	50691	10589	1990	12579	5745	4000	9745	19792	2500	22292	
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		0	0		1000	1000				Sep-24: Under Scope of applicant (ReNew)
8	Khavda I PS (Sec I)	Gujarat	3000		3000	Existing		3000	3000			0	0	0	0				3GW: Commissioned

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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)	
	Subtotal (Existing)		16700	0	16700		12042	4000	16042	0	53	53	0	1000	1000	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)	983	1011	1994	0	0	0	51	289	340				1GW ICTs: Dec-24 & System for 2.25GW: Under Implementation-Oct-25 (exptd)
	Subtotal (By Jun'25)		11500	0	11500		983	11511	12494	0	0	0	51	289	340				
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 31-08-2024)																			
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	710		710	990.0	0	990.0	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	300	0	300	0	0	0	1366	0	1366	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
19	Dhule PS	Maharashtra	2000		2000	Feb-26 (exptd)	290		290	200		200	1510	0	1510	2000	0	2000	Feb-26 (SCOD): Under Implementation
20	Jamnagar	Gujarat	1000		1000	Sep-26 (extd). 400/220kV ICT Augmentation under planning	0	0	0	551	0	551	399	0	399	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.



<div>Connectivity Margin available at ISTS substations</div> <div>(all fig. in MW, as on 31-08-2024)</div>																			
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)	
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	Gujarat	2000		2000	2026-27	0	0	0	1100	1643	2743	1257		1257			0	Substation is uner planning for 4GW in first phase.
23	Raghnesda (GIS)	Gujarat	3000		3000	Jan-27 (Exp. SCOD)	650	2400	3050		1400	1400		0	0			0	Substation is under Bidding Process  NO FURTHER MARGINS ARE NOW AVAILABLE IN UNDER BIDDING SYSTEM. After 3GW, Augmentation shall be required.
24	Bhuj-II PS	Gujarat	0		0	0.5GW: Jul'26 & 1.5GW: Nov'26	1942		1942	0	1600	1600	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	0	1031	0	307.9	308	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		0			0		630	630			0	Under Implementation
27	Karera	MP	0		0	Feb'26	0		0			0			0	500		500	Under Implementation
28	Kurawar	MP	0		0	Sep'26	0		0			0			0	1000		1000	Under Bidding
29	Neemuch PS	MP	0		0	2026-27	1050		0	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).
30	Lakadia PS-II (Under Planning)	Gujarat	0		0	2026-27	0		0	4493	2700	7193	0	307	307	0	0	0	Substation is uner planning.
31	Bhuj PS	Gujarat	500		500	2026-27	460		460	0		0	76	0	76	0	0	0	10th ICT at Bhuj PS shall be required for applications beyond 4000MW
32	Morena PS (Ph-I)	MP	2500		2500	2027-28	0		0	0		0	1100	1400	2500	1500	0	1500	Ph-I (2.5GW) under approval
33	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)		26000	0	26000		13608	8390	20948	7354	7651	15004	5832	2337	8170	6366	1250	7616	
	Total (WR)		65700	0	65700		28047	33381	60378	7354	7923	15277	5883	3926	9810	6366	1250	7616	
In WR, Tr. System has been planned w/o considering BESS capacity of 1.1GW in Maharashtra																			
North Eastern Region																			
A. Commissioning between Jul-25 to 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)			256963	23500	232463		118837	82442	200228	23648	10913	34561	11778	21226	33005	37207	7785	44992	

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