

Connectivity Margin available at ISTS substations (all fig. in MW, as on 30-04-2025)																			
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)-Jun'25
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	2500	1000	3500	250	0	250	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)
2	Fatehgarh-Barmer Complex	Rajasthan	7333	0	7333		4085	3450	7535	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	2060	3450	5510	0	0	0	0	0	0	0	0	0	Dec'25 onwards- (Ph-III) (Upto Mar'27 (Ph-IV/V)) 100MW quantum was recently relinquished and above margin was offered for reallocation in a meeting held on 20.06.2025 wherein 100 MW Connectivity was agreed to be reallocated from Barmer-II PS
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		10052	9634	19686	250	0	250	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	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: 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)	2180	3812	5992	0	0	0	0	0	0	0	0	0	HVDC Corridor is under approval for total 6 GW capacity (Expected Sch.Pole-1:Jan'30, Pole-2: Jul'30). 100MW Connectivity was agreed to be reallocated to Fatehgarh-III PS (Sec-II) from Barmer-II PS in a meeting held on 20.06.2025. Recently in reallocation meeting held on 20.06.2025, 100 MW (out of 5992MW) Connectivity was agreed to be reallocated from Barmer-II PS.
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	2031-32	300	1623	1923	300	300	600	0	0	0	3477	0	3477	HVDC System to be evolved
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)	3470	2510	5980	0	0	0	0	0	0	20	0	20	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	2030-31	600	0	600	850	600	1450	0	0	0	2550	1400	3950	HVDC System to be evolved
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).

Connectivity Margin available at ISTS substations (all fig. in MW, as on 30-04-2025)																			
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)	550	300	850	150	1200	1350	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).
14	Ramgarh Complex Ramgarh-II	Rajasthan	8000	3000	5000	Apr'30 to Oct'30 (HVDC)	1647	3300	4947	0	0	0	0	0	0	169	0	169	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)	630	0	630	300	1100	1400	0	0	0	2170	1800	3970	HVDC System to be evolved
15	Pali Complex (Pali)	Rajasthan	3000	1000	2000	Dec'30 to Jun'31 (HVDC)	900	0	900	505	600	1105	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).
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 connectivity 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)	1000	3400	4400	300	300	600	0	0	0	700	300	1000	HVDC Transmission system (6GW) for evacuation of power from Bhadla-V complexes is under planning (Exp. Comm. Schedule up to Sep'31).
18	Nagaur Complex (Merta-III)	Rajasthan				Dec'30 to Jun'31 (HVDC)	300	0	300	600	0	600	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).
	Sub-Total NR (Beyond Dec'25)		105500	14500	90000		31119	31420	62539	3005	4100	7105	50	13000	13050	9286	4663	13949	
Total (NR)			127333	17500	108833		61281	50244	111525	3255	4100	7355	50	13050	13100	9286	4663	13949	
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 Tirunelveli (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
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

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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)	
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	1100	0	1100	0	0	0	0	0	0	Sept'25 Ananthapuram PS has been closed for all purposes and under process applications shall be considered at next pooling station (Ananthapuram-III / Kurnool-V)
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	1735	0	1735	0	0	0	231	0	231	
D. Commissioning beyond Dec'25																			
11	Davangere Complex	Karnataka	5500	1000	4500	Mar'27	5351	0	5351	6212	0	6212	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	813	0	813	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	5399	0	5399	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	4663	1200	5863	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
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

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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)	
14	Ananthapuram/ Kurnool complex	Andhra Pradesh	19500	0	19500		10345	8155	18500	2350	0	2350	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	1750	0	1750	0	0	0	0	0	0	Mar'27 (Phase-1) Progressively from Sept'27 to Mar'28 (Phase-2) • The connectivity quantum which has been crossed the identified 7.5 GW capacity of pooling station and shall be considered at next pooling station (Ananthapuram-III / Kurnool-V)
c	Kurnool-IV	Andhra Pradesh	7500	0	7500	Mar'27	5590	1910	7500	600	0	600	0	0	0	0		0	Mar'27 (Phase-1) Progressively from Sept'27 to Mar'28 (Phase-2) • The connectivity quantum which has been crossed the identified 7.5 GW capacity of pooling station and shall be considered at next pooling station (Ananthapuram-III / Kurnool-V)
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.
18	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	19874	2300	22174	6900	2500	9400	15000	1000	16000	
Total (SR)			66050	3000	70550		49886	15015	64901	22059	2300	24359	7052	2500	9552	15231	1000	16231	
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.

Connectivity Margin available at ISTS substations (all fig. in MW, as on 30-04-2025)																			
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)	
b	Bhuj-II PS	Gujarat	2000		2000	Existing	2059		2059			0	0	0	0	0	0	Existing Tr. System.	
2	Radhanesda PS	Gujarat	700		700	Existing	1250		1250	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	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	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		
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	100	200	300	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	100	200	300	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 •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	
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 30-04-2025)																			
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)	Gujarat	1500		1500	Sec-I ICT : Jul'25		1500	1500		0	0	0	0	0			Total KPS3: 9GW Total (KPS1, KPS2 & KPS3): 30GW	
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	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	18700	18700	0	1940	1940	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		810	810	0	690	690	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	
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	
d	Khavda IV PS (Sec-I & II)	Gujarat	0		8750	Oct/Nov-27 (exptd)		8750	8750		0	0	0	0	0.0	0	0	0	

Connectivity Margin available at ISTS substations (all fig. in MW, as on 30-04-2025)																			
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)	
e	Khavda V PS (Sec-I)	Gujarat	0		3750	Oct/Nov-27 (exptd)		3750	3750		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.
16	Solapur PS (1.5GW)	Maharashtra	1500		1500	Mar-26 (exptd)	2450.0	1000.0	3450.0		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		2184	2184	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	1845	800	2645	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	856	0	856	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	Gujarat	2000		2000	2027-28	2100	1000	3100	1636	0	1636	0	0	0			0	Substation is under planning for 4.5GW in first phase.
23	Raghnesda (GIS)	Gujarat	3000		3000	Jan-27 (Exp. SCOD)	650	2800	3450	905	5112	6017		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.

Connectivity Margin available at ISTS substations																			
(all fig. in MW, as on 30-04-2025)																			
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)	
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	50	0.0	50	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		0	0		0	0			0	Under Implementation
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 (Under Planning)	Gujarat	0		0	2027-28	4000	3200	7200	0	920	920	0	0	0	0	0	0	Substation is uner planning for 7.5GW
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	950		950	600	750	1350	0	0	0	1700	0	1700	Ph-I (2.5GW) under approval
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		25758	29801	55558	5892	17017	22909	500	0	500	2050	0	2050	
	Total (WR)		67200	0	67200		40048	56122	96170	5992	17217	23209	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 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)			261583	20500	247583		151215	122131	273346	31306	23617	54923	7752	16078	23830	28067	5663	33730	

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

