

Details of solar and non-solar hour access and margins at various RE substations

(Date: 13.08.2026)

All Fig in MW (considering under process applications till May'26 and agreed/granted applications till Jun'26)

Substation	Region	State	Potential (MW)	Connectivity granted/agreed				Balance Margins at Substation				Under process applications		Net margins	
				Solar Hours injection (MW)	Non- Solar Hours injection (MW)	220 kV bays allocated (Nos.)	400 kV bays allocated (Nos.)	Solar Hour Access (MW)	Non-Solar Hour Access (MW)	Spare bays / Space Provision for Future 220 kV bays (Nos.)	Spare bays / Space Provision for Future 400 kV bays (Nos.)	Solar Component under 4.1 (MW)	Total Non-solar access under process (MW)	Solar hours (MW)	Non-Solar hours (MW)
Bhadla PS	NR	Rajasthan	35600	3580	750	14	0	0	2830	0	0	0	5275	0	0
Bhadla-II	NR	Rajasthan		5945	3403	14	3	0	2542	0	0	0	2175	0	367
Bhadla-III	NR	Rajasthan		6500	5010	14	2	0	1490	0	1	0	1850	0	0
Bhadla-IV (System yet to be identified)	NR	Rajasthan		5825	104.5	1	7	NA	NA	NA	NA	10219	11927	NA	NA
Bhadla-V (System yet to be identified)	NR	Rajasthan		4400	180	3	4	NA	NA	NA	NA				
Fatehgarh PS	NR	Rajasthan	44700	2200	2060	0	2	0	140	0	0	0	490	0	0
Fatehgarh-II	NR	Rajasthan		5460	3010.3	17	1	0	2449.7	2	0	0	2745	0	0
Fatehgarh-III (Sec-I)	NR	Rajasthan		1980	1123	8	0	0	357	0	0	0	0	0	357
Fatehgarh-III (Sec-II)	NR	Rajasthan		5610	4110	6	4	0	1500	0	0	0	1100	0	400
Fatehgarh-IV (Sec-I)	NR	Rajasthan		1645	1257	5	0	380	768	1	0	0	299	380	469
Fatehgarh-IV (Sec-II)	NR	Rajasthan		4980	3410	11	2	0	1570	0	0	0	100	0	1470
Barmer-I	NR	Rajasthan	24700	4000	2630	13	0	0	1370	0	0	150	1150	0	220
Barmer-II*	NR	Rajasthan		5892	1195	7	4	108	4805	3	0	0	3197	108	1608
Barmer-III (System yet to be identified)	NR	Rajasthan		5911.5	1380.25	8	4	NA	NA	NA	NA	4520	8530	NA	NA
Barmer-IV (System yet to be identified)	NR	Rajasthan		1623.33	70	0	0	NA	NA	NA	NA				
Bikaner	NR	Rajasthan	42000	4105	500	4	4	70	3675	0	0	200	1075	0	2600
Bikaner-II	NR	Rajasthan		5360	1925	14	1	100	3535	0	0	50	1845	50	1690
Bikaner-III	NR	Rajasthan		4667	2957.5	6	3	0	1709.5	7	1	200	550	0	1159.5
Bikaner-IV	NR	Rajasthan		6000	3775	11	3	0	2225	3	0	0	1743	0	482
Bikaner-V	NR	Rajasthan		5980	0	11	2	20	6000	3	5	20	3525	0	2475
Bikaner-VI (System yet to be identified)	NR	Rajasthan		300	0	1	0	NA	NA	NA	NA	7735	6160	NA	NA
Sirohi	NR	Rajasthan	3000	2096	1400	5	1	4	700	5	3	0	0	4	700

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Sanchore PS (System yet to be identified)	NR	Rajasthan	5500	850	400	3	0	2150	2600	NA	NA	4220	3725.4	NA	NA
Jalore PS (System yet to be identified)	NR	Rajasthan	6700	2150	250	4	1	NA	NA	NA	NA	0	1000	NA	NA
Merta-II	NR	Rajasthan	2000	2100	1630	8	0	0	470	2	2	0	300	0	170
Merta-III (System yet to be identified)	NR	Rajasthan		300	0	1	0	NA	NA	NA	NA	1000	1000	NA	NA
Pali (System yet to be identified)	NR	Rajasthan	3000	900	0	3	0	2100	3000	NA	NA	2005	1500	NA	NA
Ramgarh	NR	Rajasthan	23900	3984	2200	4	3	0	1784	6	0	0	6034	0	0
Ramgarh-II (System yet to be identified)	NR	Rajasthan		4747	1447	5	3	NA	NA	NA	NA	18292.33	8145	NA	NA
Ramgarh-III (System yet to be identified)	NR	Rajasthan		630	580	0	0	NA	NA	NA	NA			NA	NA
Subtotal (Rajasthan)			226000	109720.83	46757.55	201	54	4932	45520.2	32	12	48611.33	75440.4	542	14167.5
Orai(GIS) S/s	NR	UP		1200	800	0	1	0	400	0	0	0	0	0	400
Subtotal (NR)			226000	110921	47558	201	55	4932	45920	32	12	48611	75440	542	14568
NP Kunta PS	SR	AP	1500	1900	50	14	0	100	1950	1	2	300	200	0	1750
Anantapur PS	SR	AP	3500	4029	3733	5	3	226	522	11	3	250	250	0	272
Anantapur-II PS	SR	AP	20000	7069.7	6369.5	18	3	430.3	1130.5	8	9	180	480	250.3	650.5
Anantapur-III PS	SR	AP		2750	1400	8	0	250	1600	17	11	6360.3	4440.3	0	0
Kurnool (new)	SR	AP	27500	1889	1994	0	3	0	0	0	1	13.5	13.5	0	0
Kurnool-III PS	SR	AP		5350	7107	9	8	400	493	17	4	200	200	200	293
Kurnool-IV PS	SR	AP		7420	5315	17	3	80	2185	9	9	0	300	80	1885
Krishnagiri PS	SR	AP		4196.3	3196.3	12	1	303.7	1303.7	13	11	3300	3050	0	0
Kadappa-II	SR	AP	8000	300	150	1	0	2700	2850	24	12	6152	1910	0	940
Subtotal (AP)			89500	34904	29314.8	84	21	4490	12034.2	100	62	16755.8	10843.8	530.3	5790.5
Koppal PS	SR	Karnataka	2500	2453.51	1701.01	8	0	299.49	1051.99	1	0	300	300	0	751.99
Gadag PS	SR	Karnataka	2500	1892.5	1592.5	7	0	492.5	792.5	1	0	140	70	352.5	722.5
Koppal-II PS	SR	Karnataka	4000	2897	2434.5	11	0	1278	1740.5	2	6	1294	1294	0	446.5
Gadag-II PS	SR	Karnataka	4000	3922	4633	11	3	454	643	1	1	753.3	673.3	0	0
Bidar PS	SR	Karnataka	2500	3250	2302.2	12	0	250	1197.8	6	10	1630	1497	0	0

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Substation	Region	State	Potential (MW)	Connectivity granted/agreed				Balance Margins at Substation				Under process applications		Net margins	
				Solar Hours injection (MW)	Non- Solar Hours injection (MW)	220 kV bays allocated (Nos.)	400 kV bays allocated (Nos.)	Solar Hour Access (MW)	Non-Solar Hour Access (MW)	Spare bays / Space Provision for Future 220 kV bays (Nos.)	Spare bays / Space Provision for Future 400 kV bays (Nos.)	Solar Component under 4.1 (MW)	Total Non-solar access under process (MW)	Solar hours (MW)	Non-Solar hours (MW)
Davangere PS	SR	Karnataka	5250	4750	3825	13	1	0	925	4	7	110	210	0	715
Bellary PS	SR	Karnataka	4250	4250	2480	15	0	0	1770	3	6	0	0	0	1770
Bijapur PS	SR	Karnataka	3500	1962.4	1962.4	7	0	37.6	37.6	11	6	4605.8	4104.8	0	0
Pavagada PS	SR	Karnataka	2000	4500	875	17	0	0	3625	1	0	120	420	0	3205
Tumkur-II PS	SR	Karnataka	4200	4400	2700	15	0	0	1700	3	6	2090	1565	0	135
Hiriyur	SR	Karnataka	0	600.3	600.3	2	0	0	0	0	0	0	0	0	0
Subtotal (Karnataka)			34700	34877.71	25105.91	118	4	2811.59	13483.39	33	42	11043.1	10134.1	352.5	7745.99
Pugalur	SR	Tamil Nadu	0	655	655	2	0	0	0	0	0	0	0	0	0
Karur PS	SR	Tamil Nadu	2500	2176.1	2176.1	7	0	323.9	323.9	1	1	0	0	323.9	323.9
Tuticorin-II PS	SR	Tamil Nadu	2500	2824.1	2094.1	12	0	175.9	905.9	0	2	0	0	175.9	905.9
Subtotal (Tamil Nadu)			10000	5655.2	4925.2	21	0	499.8	1229.8	1	3	0	0	499.8	1229.8
Subtotal (SR)			134200	75437	59346	223	25	7801	26747	134	107	27799	20978	1383	14766
Bhachau S/s	WR	Gujarat	0	650	650	4	0	0	0	0	0	0	0	0	0
Bhuj PS	WR	Gujarat	5920	4328	3278	16	0	172	1222	0	4	0	150	172	1072
Bhuj-II PS (220 kV Bus Section-I)	WR	Gujarat		1848.5	1128.5	6	0	300	1020	1	4	300	300	0	720
Bhuj-II PS (220 kV Bus Section-II)	WR	Gujarat		1351.5	631.5	5	0	500	1220	3	4	2785	2150	0	0
Jam Khambhaliya PS	WR	Gujarat	13550	3899.11	3660.81	10	1	100.89	339.19	0	0	0	0	100.89	339.19
Kalyanpur PS (400 kV Bus Section-I)	WR	Gujarat		2514.2	2364.2	6	1	335.8	485.8	3	4	0	0	335.8	485.8
Kalyanpur PS (400 kV Bus Section-II)	WR	Gujarat		1200	1000	4	0	450	650	5	8	450	450	0	200
Jamnagar S/s	WR	Gujarat		1000	581	3	0	0	419	12	8	456	326	0	93
KPS-1 (400 kV Bus Section-I)	WR	Gujarat	42000	4550	1050	0	4	0	3500	4	0	0	0	0	3500
KPS-1 (400 kV Bus Section-II)	WR	Gujarat		5950	5011.2	0	5	0	938.8	4	0	0	2190	0	0
KPS-2 (400 kV Bus Section-I)	WR	Gujarat		5159	1272	0	5	0	3887	2	0	0	0	0	3887
KPS-2 (400 kV Bus Section-II)	WR	Gujarat		4091	0	0	3	0	4091	2	1	0	2450	0	1641
KPS-3 (400 kV Bus Section-I)	WR	Gujarat		4600	4486.4	0	4	0	113.6	2	0	0	0	0	113.6
KPS-3 (400 kV Bus Section-II)	WR	Gujarat		5140	4314.2	0	5	0	825.8	2	0	0	0	0	825.8
KPS-4 (400 kV Bus Section-I)	WR	Gujarat		2500	0	0	2	0	2500	4	3	0	1950	0	550
KPS-4 (400 kV Bus Section-II) (system yet to be identified)	WR	Gujarat		1250	0	0	1	0	1250	4	4	20700	8600	0	0
Lakadia-II PS (400 kV Bus Section-I)	WR	Gujarat	11000	3879.1	1043.8	7	2	0	2835.3	2	5	0	4200	0	0
Lakadia-II PS (400 kV Bus Section-II)	WR	Gujarat		3320.9	2170.9	8	1	300	1450	1	6	1145	2955	0	0

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Lakadia PS	WR	Gujarat	3000	3348	1948.8	11	0	152	1551.2	1	2	0	855	152	696.2
Navinal (Mundra) GIS PS	WR	Gujarat		300	300	1	0	0	0	9	2	800	200	0	0
Radhanesda PS	WR	Gujarat		1250	332.64	5	0	0	917.36	7	3	0	0	0	917.36
Raghanesda PS	WR	Gujarat	20740	3450	2550	2	4	50	950	8	8	7062	3900	0	0
Others (Amreli, Bhavnagar , Junagarh, Rajkot, Halvad, Offshore) (system yet to be identified)	WR	Gujarat		0	0	0	0	0	0			2120	1870	0	0
Subtotal (Gujarat)			96210	65579.31	37773.95	88	38	2360.69	30166.05	76	66	35818	32546	760.69	15040.95
Dhule PS (220 kV Bus Section-I)	WR	Maharashtra	4500	1034	689	4	0	180	525	4	4	180	0	0	525
Dhule PS (220 kV Bus Section-II)	WR	Maharashtra		762	642	3	0	0	120	6	4	1545	116	0	4
Parli (New)	WR	Maharashtra	5000	180	180	0	0	820	820	0	2	162	162	658	658
Parli PG SS	WR	Maharashtra		0	0	0	0	300	300	1	0	0	0	300	300
Kallam PS	WR	Maharashtra	10500	2421.9	2421.9	6	1	778.1	778.1	1	0	200	200	578.1	578.1
Solapur PG	WR	Maharashtra		1998.6	1498.6	0	1	1.4	501.4	0	0	0	0	1.4	501.4
Solapur PS (400 kV Bus Section-I)	WR	Maharashtra		1450	1250.9	5	0	0	199.1	1	2	0	0	0	199.1
Solapur PS (400 kV Bus Section-II)	WR	Maharashtra		1490	655	4	1	510	1345	2	1	2257	2019	0	0
Subtotal (Maharashtra)			20000	9337	7337	22	3	2590	4589	15	13	4344	2497	1538	2766
Rajgarh SS (220 kV Bus Section-I)	WR	Madhya Pradesh	4000	256.24	256.24	1	0	42	42	0	0	0	0	42	42
Rajgarh SS (220 kV Bus Section-II)	WR	Madhya Pradesh		593.6	593.6	2	0	356.4	356.4	1	0	0	0	356.4	356.4
Indore (PG)	WR	Madhya Pradesh	0	924.4	924.4	1	1	550.6	550.6	1	0	300	300	250.6	250.6
Khandwa (PG) S/s	WR	Madhya Pradesh	0	300	0	1	0	0	300	0	0	300	0	0	300
Rewa PS	WR	Madhya Pradesh	0	750	0	6	0	0	750	-6	0	0	0	0	750
Ishanagar PS	WR	Madhya Pradesh	5000	1280	650	0	2	0	630	12	0	300	0	0	630
Morena PS	WR	Madhya Pradesh	6300	850	925	3	2	1650	1575	13	4	1450	250	200	1325
Mandsaur PS (400 kV Bus Section-I)	WR	Madhya Pradesh	9000	2998	3066	9	3	0	0	3	1	0	0	0	0
Mandsaur PS (400 kV Bus Section-II)	WR	Madhya Pradesh		1500	1450	1	0	1500	1550	5	2	3634.4	1544.4	0	5.6
Neemuch PS	WR	Madhya Pradesh	2000	1770	300	7	0	230	1700	5	2	350	0	0	1700
Pachora PS (220 kV Bus Section-I)	WR	Madhya Pradesh	9000	1444.2	444.2	6	0	30.8	1030.8	0	0	0	0	30.8	1030.8
Pachora PS (220 kV Bus Section-II)	WR	Madhya Pradesh		986	686	4	0	381	681	1	0	350	350	31	331
Pachora PS (220 kV Bus Section-III)	WR	Madhya Pradesh		1158	808	4	0	0	350	0	0	300	300	0	50

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Karera (system yet to be identified)	WR	Madhya Pradesh	2000			0	0					1100	150		
Others (Kurawar, Sagar, Bhind, Damoh) (system yet to be identified)	WR	Madhya Pradesh	5500			0	0					600	150		
Subtotal (Madhya Pradesh)			42800	14810.44	10103.44	45	8	4740.8	9515.8	35	9	8684.4	3044.4	910.8	6771.4
Raipur S/s	WR	Chhatisgarh	0	50	0	1	0	0	50	0	0	0	0	0	50
Subtotal (WR)			159010	89776	55215	156	49	9691	44320	126	88	48846	38087	3209	24628
Total			519210	276134	162118	580	129	22424	116988	292	207	125257	134506	5134	53962

*Note - 1. Due to grant of connectivity to PSPs near South Kalamb(WR), the entire 6000 MW non-solar hour access margin cannot be granted at Barmer-II. Applications under RoFR are on hold. The same shall be granted only upon identification of available margin after detailed studies

2. The Net margins indicated above may also include the margins which are to be made available for re-allocation to existing applicants in the same complex as per Procedure in respect of Regulation 11C of the GNA Regulations. Hence, the net margins at such substations may get exhausted partly or fully after such re-allocation exercise.