Details of solar and non-solar hour access and margins at various RE substations as per Annex-IV of GNA Regulations

(Date: 16.11.2026)

All Fig in MW (considering agreed/granted applications till Aug'26)

Substation	Region	State	Potential (MW)	Connectivity granted/agreed				Balance Margins at Substation				Under process applications (till Jul-26)			
				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)	Non-Solar Component under 4.1	RoFR (5.2)	Non-solar hour access (5.11a)
Bhadla PS	NR	Rajasthan	35600	3580	750	14	0	0	2830	0	0	0	0	0	5525
Bhadla-II	NR	Rajasthan		5945	4961	15	4	0	984	0	0	0	0	0	767
Bhadla-III	NR	Rajasthan		6500	6310	14	3	0	190	0	0	0	0	0	1890
Bhadla-IV (System yet to be identified)	NR	Rajasthan		5825	104.5	1	7	NA	NA	NA	NA	10419	2232	2040	7755
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	0	0	490
Fatehgarh-II	NR	Rajasthan		5460	3010.3	17	1	0	2449.7	2	0	0	0	0	2851
Fatehgarh-III (Sec-I)	NR	Rajasthan		1980	1123	8	0	0	857	0	0	0	0	0	1000
Fatehgarh-III (Sec-II)	NR	Rajasthan		5610	4360	6	4	0	1250	0	0	0	0	0	800
Fatehgarh-IV (Sec-I)	NR	Rajasthan		1645	1257	5	0	380	768	1	0	0	0	0	679
Fatehgarh-IV (Sec-II)	NR	Rajasthan		4980	3410	11	2	0	1570	0	0	0	0	0	1900
Barmer-I	NR	Rajasthan	24700	4000	2680	13	0	0	1320	0	0	100	50	0	1705
Barmer-II*	NR	Rajasthan		5892	1195	7	4	108	4805	3	0	0	0	700	2957
Barmer-III (System yet to be identified)	NR	Rajasthan		5911.5	1380.25	8	4	NA	NA	NA	NA	4670	1455	925	6300
Barmer-IV (System yet to be identified)	NR	Rajasthan		1623.33	70	0	1	NA	NA	NA	NA				
Bikaner	NR	Rajasthan	42000	4105	500	4	4	70	3675	0	0	200	75	0	4950
Bikaner-II	NR	Rajasthan		5360	2495	14	1	100	2965	0	0	50	0	675	3690
Bikaner-III	NR	Rajasthan		4667	3257.5	9	3	0	1409.5	4	1	200	100	0	2200
Bikaner-IV	NR	Rajasthan		6000	3775	11	3	0	2225	0	0	0	0	0	2693
Bikaner-V	NR	Rajasthan		5980	0	11	2	20	6000	3	5	20	0	875	3080
Bikaner-VI (System yet to be identified)	NR	Rajasthan		300	0	1	0	NA	NA	NA	NA	8035	2460	0	600
Sirohi	NR	Rajasthan	3000	2096	1400	5	1	4	700	5	3	0	0	0	300
Sanchore PS (System yet to be identified)	NR	Rajasthan	5500	850	400	3	0	NA	NA	NA	NA	4220	2525.4	600	600
Jalore PS (System yet to be identified)	NR	Rajasthan	6700	2150	250	4	1	NA	NA	NA	NA	0	0	0	1000
Merta-II	NR	Rajasthan	2000	2100	1980	8	0	0	120	2	2	0	0	0	0
Merta-III (System yet to be identified)	NR	Rajasthan		300	0	1	0	NA	NA	NA	NA	1000	750	0	250
Pali (System yet to be identified)	NR	Rajasthan	3000	900	0	3	0	NA	NA	NA	NA	2205	700	300	600

Details of solar and non-solar hour access and margins at various RE substations as per Annex-IV of GNA Regulations

(Date: 16.11.2026)

All Fig in MW (considering agreed/granted applications till Aug'26)

Substation	Region	State	Potential (MW)	Connectivity granted/agreed				Balance Margins at Substation				Under process applications (till Jul-26)			
				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)	Non-Solar Component under 4.1	RoFR (5.2)	Non-solar hour access (5.11a)
Ramgarh	NR	Rajasthan	23900	3984	3100	4	3	0	884	6	0	0	0	0	4434
Ramgarh-II (System yet to be identified)	NR	Rajasthan		4747	1447	5	3	NA	NA	NA	NA	18292.33	3935	310	4750
Ramgarh-III (System yet to be identified)	NR	Rajasthan		630	580	0	0	NA	NA	NA	NA				
Subtotal (Rajasthan)			**226000**	**109720.83**	**52035.55**	**205**	**57**	**682**	**35142.2**	**26**	**11**	**49411.33**	**14282.4**	**6425**	**63766**
Orai(GIS) S/s	NR	UP		1200	800	0	1	0	400	0	0	0	0	0	0
Subtotal (NR)			**226000**	**110921**	**52836**	**205**	**58**	**682**	**35542**	**26**	**11**	**49411**	**14282**	**6425**	**63766**
NP Kunta PS	SR	AP	1500	1900	150	14	0	100	1850	0	2	300	700	0	0
Anantapur PS	SR	AP	3500	4255	3959	6	4	0	296	10	2	0	0	0	0
Anantapur-II PS	SR	AP	20000	7069.7	6369.5	18	3	430.3	1130.5	8	9	180	180	0	0
Anantapur-III PS	SR	AP		2750	1700	8	0	250	1300	17	11	6360.3	3360.3	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	7301.7	9	8	2250	298.3	17	4	0	0	0	1800
Kurnool-IV PS	SR	AP		7420	5615	17	3	80	1885	9	9	0	0	0	0
Krishnagiri PS	SR	AP		4196.3	3446.3	12	1	303.7	1053.7	13	11	3950	3425	0	0
Kadappa-II	SR	AP	8000	3000	2100	7	3	0	900	18	9	3782	3260	0	1200
Subtotal (AP)			**89500**	37830	32635.5	**91**	**25**	**3414**	**8713.5**	**92**	**58**	**14585.8**	**10938.8**	**0**	**3000**
Koppal PS	SR	Karnataka	2500	2753.51	2101.01	9	0	-0.51	651.99	0	0	650	650	0	0
Gadag PS	SR	Karnataka	2500	2332.8	1962.8	9	0	52.2	422.2	3	0	0	0	0	0
Koppal-II PS	SR	Karnataka	4000	4141	3678.5	17	0	34	496.5	0	6	586	586	0	0
Gadag-II PS	SR	Karnataka	4000	3922	4633	11	3	454	0	1	1	639	559	0	0
Bidar PS	SR	Karnataka	2500	3250	2265.2	12	0	250	1234.8	6	10	1643.6	410.6	200	900
Davangere PS	SR	Karnataka	5250	4750	3925	13	1	0	825	4	7	110	110	0	0
Bellary PS	SR	Karnataka	4250	4250	2480	15	0	0	1770	3	6	250	250	0	300
Bijapur PS	SR	Karnataka	3500	1962.4	1962.4	7	0	37.6	37.6	11	6	4305.8	4104.8	0	0
Pavagada PS	SR	Karnataka	2000	4500	875	17	0	0	3625	1	0	120	120	0	300
Tumkur-II PS	SR	Karnataka	4200	4400	2699.4	15	0	0	1700.6	3	6	2090	1265	0	800
Hiriyur	SR	Karnataka	0	600.3	600.3	2	0	0	0	0	0	0	0	0	0
Subtotal (Karnataka)			**34700**	**36862.01**	**27182.61**	**127**	**4**	**827.29**	**10763.69**	**32**	**42**	10394.4	8055.4	200	2300
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	0	0
Tuticorin-II PS	SR	Tamil Nadu	2500	2824.1	2094.1	12	0	175.9	905.9	0	2	0	0	0	0
Subtotal (Tamil Nadu)			**10000**	**5655.2**	**4925.2**	**21**	**0**	**499.8**	**1229.8**	**1**	**3**	**0**	**0**	**0**	**0**
Subtotal (SR)			**134200**	**80347**	**64743**	**239**	**29**	**4741**	**20707**	**125**	**103**	**24980**	**18994**	**200**	**5300**
Bhachau S/s	WR	Gujarat	0	650	650	4	0	0	0	0	0	0	0	0	0

Details of solar and non-solar hour access and margins at various RE substations as per Annex-IV of GNA Regulations

(Date: 16.11.2026)

All Fig in MW (considering agreed/granted applications till Aug'26)

Substation	Region	State	Potential (MW)	Connectivity granted/agreed				Balance Margins at Substation				Under process applications (till Jul-26)			
				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)	Non-Solar Component under 4.1	RoFR (5.2)	Non-solar hour access (5.11a)
Bhuj PS	WR	Gujarat	5920	4500	3600	16	0	0	900	0	4	0	0	0	0
Bhuj-II PS (220 kV Bus Section-I)	WR	Gujarat		2148.5	1428.5	7	0	0	720	0	4	0	0	0	0
Bhuj-II PS (220 kV Bus Section-II)	WR	Gujarat		1851.5	1131.5	7	0	0	720	1	4	2165	1530	0	1000
Jam Khambhaliya PS	WR	Gujarat	13550	3899.11	3660.81	10	1	100.89	339.19	0	0	0	0	0	0
Kalyanpur PS (400 kV Bus Section-I)	WR	Gujarat		2514.2	2364.2	6	1	335.8	485.8	3	4	0	0	0	0
Kalyanpur PS (400 kV Bus Section-II)	WR	Gujarat		1650	1450	6	0	0	200	3	8	450	450	0	0
Jamnagar S/s	WR	Gujarat		1000	651	3	0	0	349	12	8	456	256	0	0
KPS-1 (400 kV Bus Section-I)	WR	Gujarat	42000	4550	1050	0	4	0	3500	4	0	0	0	0	0
KPS-1 (400 kV Bus Section-II)	WR	Gujarat		5950	5011.2	0	5	0	938.8	4	0	0	0	0	690
KPS-2 (400 kV Bus Section-I)	WR	Gujarat		5159	1272	0	5	0	3887	2	0	0	0	0	0
KPS-2 (400 kV Bus Section-II)	WR	Gujarat		4091	2100	0	4	0	1991	2	0	0	0	0	0
KPS-3 (400 kV Bus Section-I)	WR	Gujarat		4600	4486.4	0	4	0	113.6	2	0	0	0	0	0
KPS-3 (400 kV Bus Section-II)	WR	Gujarat		5140	4314.2	0	5	0	825.8	2	0	0	0	0	0
KPS-4 (400 kV Bus Section-I) (system yet to be identified)	WR	Gujarat		2500	0	0	2	NA	NA	NA	NA	0	0	0	1950
KPS-4 (400 kV Bus Section-II) (system yet to be identified)	WR	Gujarat		1250	0	0	1	NA	NA	NA	NA	36200	18403.6	0	8600
Lakadia-II PS (400 kV Bus Section-I)	WR	Gujarat	11000	3729.1	2923.8	7	2	150	955.3	2	5	0	0	0	0
Lakadia-II PS (400 kV Bus Section-II)	WR	Gujarat		3320.9	2300.9	8	1	300	1320	1	6	1145	795	0	0
Lakadia PS	WR	Gujarat		3498	2798.8	12	1	2	701.2	0	1	0	0	0	0
Navinal (Mundra) GIS PS	WR	Gujarat	0	300	300	1	0	0	0	9	2	800	200	0	0
Radhanesda PS	WR	Gujarat	3000	1250	300	5	0	0	950	7	3	0	0	0	0
Raghanesda PS	WR	Gujarat		3450	2550	2	4	50	950	8	8	7062	500	0	3400
Others (Areas such as Amreli, Bhavnagar , Junagarh, Rajkot, Halvad, Offshore, etc where system is yet to be identified)	WR	Gujarat	20740	0	0	0	0	NA	NA	NA	NA	1780	1530	0	0
Subtotal (Gujarat)			**96210**	**67001.31**	**44343.31**	**94**	**40**	**938.69**	**19846.69**	**62**	**57**	**50058**	**23664.6**	**0**	**15640**
Dhule PS (220 kV Bus Section-I)	WR	Maharashtra	4500	1034	689	4	0	180	525	4	4	200	66	0	300
Dhule PS (220 kV Bus Section-II)	WR	Maharashtra		762	642	3	0	0	120	6	4	1875	400	0	0
Parli (New)	WR	Maharashtra	5000	342	342	0	1	658	658	0	1	0	0	0	0
Parli PG SS	WR	Maharashtra		0	0	0	0	300	300	1	0	150	150	0	0
Kallam PS	WR	Maharashtra		2421.9	2421.9	6	1	778.1	778.1	1	0	100	100	0	0
Solapur PG	WR	Maharashtra	10500	1998.6	1705.6	0	1	1.4	294.4	0	0	0	0	0	350
Solapur PS (400 kV Bus Section-I)	WR	Maharashtra		1500	1268.4	5	0	0	231.6	1	2	0	0	0	0

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(Date: 16.11.2026)

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Substation	Region	State	Potential (MW)	Connectivity granted/agreed				Balance Margins at Substation				Under process applications (till Jul-26)			
				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)	Non-Solar Component under 4.1	RoFR (5.2)	Non-solar hour access (5.11a)
Solapur PS (400 kV Bus Section-II)	WR	Maharashtra		2000	771	4	1	0	1229	2	1	2147	1407	75	650
Others (Nagpur area, where system is yet to be identified)	WR	Maharashtra		0	0	0	0	NA	NA	NA	NA	1200	0	0	1200
Subtotal (Maharashtra)			**20000**	**10059**	**7840**	**22**	**4**	**1918**	**4136**	**15**	**12**	**5672**	**2123**	**75**	**2500**
Rajgarh SS (220 kV Bus Section-I)	WR	Madhya Pradesh	4000	256.24	256.24	1	0	42	42	0	0	0	0	0	0
Rajgarh SS (220 kV Bus Section-II)	WR	Madhya Pradesh		593.6	593.6	2	0	356.4	356.4	1	0	0	0	0	0
Indore (PG)	WR	Madhya Pradesh	0	1224.4	1224.4	1	1	250.6	250.6	1	0	0	0	0	0
Khandwa (PG) S/s	WR	Madhya Pradesh	0	300	0	1	0	0	300	0	0	0	0	0	0
Rewa PS	WR	Madhya Pradesh	0	750	0	6	0	0	750	0	0	0	0	0	0
Ishanagar PS	WR	Madhya Pradesh	5000	1280	650	0	2	0	630	12	0	300	0	0	0
Morena PS	WR	Madhya Pradesh	6300	2300	1525	4	3	200	975	12	3	0	0	0	250
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		3000	2280	1	1	0	720	5	1	1800	300	0	100
Neemuch PS	WR	Madhya Pradesh	2000	2000	300	7	0	0	1700	5	2	0	0	0	0
Pachora PS (220 kV Bus Section-I)	WR	Madhya Pradesh	9000	1444.2	377.2	6	0	35	1102	0	0	0	0	0	0
Pachora PS (220 kV Bus Section-II)	WR	Madhya Pradesh		1362.8	1062.8	5	0	0	300	0	0	0	0	0	0
Pachora PS (220 kV Bus Section-III)	WR	Madhya Pradesh		1158	808	4	0	0	350	0	0	381.3	381.3	0	0
Others (Kurawar, Sagar, Bhind, Damoh, Karera areas where system is yet to be identified)	WR	Madhya Pradesh	7500			0	0	NA	NA	NA	NA	2050	300		
Subtotal (Madhya Pradesh)			**42800**	**18667.24**	**12143.24**	**47**	**10**	**884**	**7476**	**39**	**7**	**4531.3**	**981.3**	**0**	**350**