



Estimated Spare Capacity available at existing and newly approved Grid Sub Stations of RVPN for providing grid connectivity to Solar and Wind Power Plants														
Sr. No	Name of Circle	Name of GSS	Transformers			Space available for Spare bays for RE as on 30.06.2020				Estimated Spare Capacity for future RE Projects				
			Voltage Ratio (KV)	MVA Capacity (existing)	Additional approved Capacity (in MVA)	400 kv	220 kv	132 kv	33 kv	Existing	As on Dec. 2020	As on Dec. 2021	As on Dec. 2022	As on Dec. 2023
1	SE(T&C),Ajmer	132 KV GSS Arain	132/33	37.5		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
2	SE(T&C),Ajmer	132 KV GSS Roopangarh	132/33	75		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
3	SE(T&C),Ajmer	132 KV GSS Sawar	132/33	25		0	0	1	2	30 MW	30 MW	30 MW	30 MW	30 MW
4	SE(T&C),Ajmer	132 KV GSS Sarwar (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
5	SE(T&C),Ajmer	132 KV GSS Peeplaj (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
6	SE(T&C), Alwar	132 KV GSS Malakhera	132/33	75		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
7	SE(T&C), Alwar	132 KV GSS Pinan	132/33	50		0	0	1	2	50 MW	50 MW	50 MW	50 MW	50 MW
8	SE(T&C), Alwar	132 KV GSS Ramgarh	132/33	75		0	0	1	2	70 MW	70 MW	70 MW	70 MW	70 MW
9	SE(T&C), Alwar	132 KV GSS Thanagaji	132/33	62.5		0	0	1	2	50 MW	50 MW	50 MW	50 MW	50 MW
10	SE(T&C), Alwar	220 KV GSS Bansur	220/132	260		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
			132/33	75	(31.12.2020)									
11	SE(T&C), Babai	132 KV GSS Bissau	132/33	37.5		0	0	1	1	60 MW	60 MW	60 MW	60 MW	60 MW
12	SE(T&C), Babai	132 KV GSS Gudgorji	132/33	75		0	0	1	2	70 MW	70 MW	70 MW	70 MW	70 MW
13	SE(T&C), Babai	132 KV GSS Kumawas	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
14	SE(T&C), Babai	132 KV GSS Malsisar	132/33	37.5		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
15	SE(T&C), Babai	132 KV GSS Mandawa	132/33	37.5		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
16	SE(T&C), Babai	132 KV GSS Mandrella	132/33	50		0	0	1	2	70 MW	70 MW	70 MW	70 MW	70 MW
17	SE(T&C), Babai	132 KV GSS Mehda	132/33	37.5		0	0	1	2	70 MW	70 MW	70 MW	70 MW	70 MW
18	SE(T&C), Babai	132 KV GSS Udaiapurwati	132/33	50		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
19	SE(T&C), Barmer	132 KV GSS Juna Meetha Khera	132/33	25		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
20	SE(T&C), Barmer	132 KV GSS Samdari	132/33	37.5		0	0	1	0	30 MW	30 MW	30 MW	30 MW	30 MW
21	SE(T&C), Barmer	132 KV GSS Sedwa	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
22	SE(T&C), Barmer	132 KV GSS Siwana	132/33	45		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
23	SE(T&C), Barmer	220KV GSS Sawa (newly approved)	220/132		160	0	2	3	3	0 MW	0 MW	0 MW	200 MW	200 MW
			132/33		25									
24	SE(T&C), Bhadla	132 KV GSS Khetusar	132/33	75		0	0	3	5	0 MW	0 MW	0 MW	80 MW	80 MW
25	SE(T&C), Bhadla	220 KV GSS Badisid	220/132	320		0	2	3	2	0 MW	0 MW	150 MW	150 MW	150 MW
			132/33	50										
26	SE(T&C), Bhadla	400KV GSS Bhadla	400/220	1500	500	3	4	0	0	0 MW	0 MW	0 MW	500 MW	500 MW
			220/132	320										
			132/33	75										
27	SE(T&C), Bhadla	132 KV GSS PS-1	132/33	50		0	0	1	2	0 MW	0 MW	0 MW	50 MW	50 MW
28	SE(T&C), Bhadla	132 KV GSS PS-2	132/33	25	50*	0	0	1	3	0 MW	0 MW	0 MW	50 MW	50 MW
29	SE(T&C), Bhadla	132 KV GSS PS-3	132/33	100		0	0	0	3	0 MW	0 MW	0 MW	10 MW	10 MW
30	SE(T&C), Bhadla	132 KV GSS PS-4	132/33	25	50*	0	0	2	8	0 MW	0 MW	0 MW	50 MW	50 MW
31	SE(T&C), Bhadla	132 KV GSS PS-5	132/33	75		0	0	0	1	0 MW	0 MW	0 MW	10 MW	10 MW
32	SE(T&C), Bharatpur	132 KV GSS Bhusawar	132/33	62.5		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
33	SE(T&C), Bharatpur	132 KV GSS D.Bheem	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
34	SE(T&C), Bharatpur	132 KV GSS Mahuwa	132/33	50		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
35	SE(T&C), Bharatpur	132 KV GSS Roopwas	132/33	50		0	0	1	1	50 MW	50 MW	50 MW	50 MW	50 MW
36	SE(T&C), Bharatpur	220 KV GSS Mandawar	220/132	200		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
			132/33	50										
37	SE(T&C), Bharatpur	132 KV GSS Sikri (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
38	SE(T&C), Bhilwara	132 KV GSS Bigod	132/33	50		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
39	SE(T&C), Bhilwara	132 KV GSS Bijoliya	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
40	SE(T&C), Bhilwara	132 KV GSS Jahajpur	132/33	25		0	0	1	2	30 MW	30 MW	30 MW	30 MW	30 MW

*Q* *Alona*

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			Voltage Ratio (KV)	MVA Capacity (existing)	Additional approved Capacity (in MVA)	400 kV	220 kV	132 kV	33 kV	Existing	As on Dec. 2020	As on Dec. 2021	As on Dec. 2022	As on Dec. 2023
41	SE(T&C), Bhilwara	132 KV GSS Kachhola	132/33	25		0	0	1	1	30 MW	30 MW	30 MW	30 MW	30 MW
42	SE(T&C), Bhilwara	132 KV GSS Karera	132/33	50		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
43	SE(T&C), Bhilwara	132 KV GSS Suwana	132/33	75		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
44	SE(T&C), Bhilwara	132 KV GSS Karoi (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
45	SE(T&C), Bhilwara	132 KV GSS Bankil (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
46	SE(T&C), Bikaner	132 KV GSS Chhatargarh	132/33	75 (31.12.2020)		0	0	1	2	70 MW	70 MW	70 MW	70 MW	70 MW
47	SE(T&C), Bikaner	132 KV GSS Kitasar	132/33	25		0	0	1	1	60 MW	60 MW	60 MW	60 MW	60 MW
48	SE(T&C), Bikaner	132 KV GSS Momasar	132/33	75		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
49	SE(T&C), Bikaner	132 KV GSS Mundsar	132/33	25		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
50	SE(T&C), Bikaner	132 KV GSS RD710	132/33	25		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
51	SE(T&C), Bikaner	220 KV GSS Badnu	220/132	320		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
			132/33	100		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
52	SE(T&C), Bikaner	220 KV GSS Chhatargarh(U/C) (target date 31.12.2020)	220/132		160	0	1	2	2	0 MW	100 MW	100 MW	100 MW	100 MW
			132/33		25	0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
53	SE(T&C), Bikaner	220 KV GSS Gajner	220/132	320 (31.12.2020)		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
			132/33	100		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
54	SE(T&C), Bikaner	220 KV GSS Panchu (newly approved)	220/132		160	0	1	2	2	0 MW	0 MW	0 MW	100 MW	100 MW
			132/33		25	0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
55	SE(T&C), Bikaner	132 KV GSS Nokha Dahiya	132/33	25	50*	0	0	1	2	0 MW	0 MW	0 MW	50 MW	50 MW
56	SE(T&C), Bikaner	132 KV GSS Jhakasar (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	0 MW	70 MW	70 MW
57	SE(T&C), Bikaner	132 KV GSS Shisha (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	0 MW	70 MW	70 MW
58	SE(T&C), Bikaner	132 KV GSS Rajpura (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	0 MW	70 MW	70 MW
59	SE(T&C), Chittorgarh	132 KV GSS Baroli-Rawatbhata	132/33	37.5		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
60	SE(T&C), Chittorgarh	132 KV GSS Bhadesar	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
61	SE(T&C), Chittorgarh	132 KV GSS Bhopalsagar	132/33	25		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
62	SE(T&C), Chittorgarh	132 KV GSS Bijapur	132/33	25		0	0	1	1	30 MW	30 MW	30 MW	30 MW	30 MW
63	SE(T&C), Chittorgarh	132 KV GSS Kanera	132/33	25		0	0	1	1	30 MW	30 MW	30 MW	30 MW	30 MW
64	SE(T&C), Chittorgarh	132 KV GSS Mokhampura	132/33	37.5 (31.12.2020)		0	0	1	0	30 MW	30 MW	30 MW	30 MW	30 MW
65	SE(T&C), Chittorgarh	132 KV GSS Partapur	132/33	25		0	0	1	0	30 MW	30 MW	30 MW	30 MW	30 MW
66	SE(T&C), Chittorgarh	132 KV GSS Peepalwa	132/33	25		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
67	SE(T&C), Chittorgarh	132 KV GSS Rasoolpura	132/33	25		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
68	SE(T&C), Chittorgarh	132 KV GSS Chordi (commissioned in June 2020)	132/33	25		0	0	1	2	0 MW	70 MW	70 MW	70 MW	70 MW
69	SE(T&C), Chittorgarh	132 KV GSS Negadiya (newly approved)	132/33		25	0	0	1	2	0 MW	70 MW	70 MW	70 MW	70 MW
70	SE(T&C), Chittorgarh	132 KV GSS Barwarda (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
71	SE(T&C), Chittorgarh	132 KV GSS Soniyana (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
72	SE(T&C), Hanumangarh	132 KV GSS Fatehgarh	132/33	25		0	0	1	2	30 MW	30 MW	30 MW	30 MW	30 MW
73	SE(T&C), Hanumangarh	132 KV GSS Goluwala	132/33	37.5		0	0	1	1	50 MW	50 MW	50 MW	50 MW	50 MW
74	SE(T&C), Hanumangarh	132 KV GSS Anoopgarh	132/33	37.5		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
75	SE(T&C), Hanumangarh	132 KV GSS Jakhasar	132/33	25		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
76	SE(T&C), Hanumangarh	132 KV GSS Sadulsahar	132/33	45		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
77	SE(T&C), Hanumangarh	132 KV GSS Sri Ganganagar	132/33	125		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
78	SE(T&C), Hanumangarh	132 KV GSS Rawatsar	132/33	50		0	0	1	2	50 MW	50 MW	50 MW	50 MW	50 MW

*[Handwritten signatures]*

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			Voltage Ratio (KV)	MVA Capacity (existing)	Additional approved Capacity (in MVA)	400 kV	220 kV	132 kV	33 kV	Existing	As on Dec. 2020	As on Dec. 2021	As on Dec. 2022	As on Dec. 2023
79	SE(T&C), Hanumangarh	220 KV GSS Bhadra	220/132	200		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
			132/33	25 (31.12.2020)		0	0	1	0	0 MW	70 MW	70 MW	70 MW	70 MW
80	SE(T&C), Hanumangarh	132 KV GSS Tibbi (commissioned in April 2020)	132/33	25		0	0	1	2	0 MW	70 MW	70 MW	70 MW	70 MW
81	SE(T&C), Hanumangarh	132 KV GSS Prabhat Nagar (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	0 MW	70 MW	70 MW
82	SE(T&C), Hanumangarh	220 KV GSS Rawatsar (newly approved)	220/132		160	0	1	2	2	0 MW	100 MW	100 MW	100 MW	100 MW
			132/33		25	0	1	2	2	0 MW	100 MW	100 MW	100 MW	100 MW
83	SE(T&C), Hindaun	132 KV GSS Baseri	132/33	37.5		0	0	1	2	70 MW	70 MW	70 MW	70 MW	70 MW
84	SE(T&C), Hindaun	132 KV GSS Gudachander Ji	132/33	25		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
			132/33	25		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
85	SE(T&C), Hindaun	132 KV GSS Maniya	132/33	25		0	0	0	2	10 MW	10 MW	10 MW	10 MW	10 MW
86	SE(T&C), Hindaun	132 KV GSS Marena	132/33	25		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
87	SE(T&C), Hindaun	132 KV GSS Rajakhera	132/33	50		0	0	1	2	70 MW	70 MW	70 MW	70 MW	70 MW
88	SE(T&C), Hindaun	132 KV GSS Sarmathura	132/33	25		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
89	SE(T&C), Hindaun	132 KV GSS Todabheem	132/33	50		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
90	SE(T&C), Jaipur Rural	132 KV GSS Jatawali	132/33	25		0	0	1	2	30 MW	30 MW	30 MW	30 MW	30 MW
91	SE(T&C), Jaipur Rural	220 KV GSS Manoharpur	220/132	200		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
			132/33	100		0	0	1	0	0 MW	70 MW	70 MW	70 MW	70 MW
92	SE(T&C), Jaipur Rural	132 KV GSS Narcheda (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
93	SE(T&C), Jaipur Rural	132 KV GSS Devgaon (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
94	SE(T&C), Jaisalmer	400 KV GSS Pokaran (newly approved)	400/220		1000	ELP under finalization				0 MW	0 MW	0 MW	0 MW	1000 MW
			220/132		320									
95	SE(T&C), Jaisalmer	400 KV GSS Jaisalmer-2	400/220	500	500 1500	5	4	0	0	640 MW	1440 MW	1440 MW	2940 MW	2940 MW
96	SE(T&C), Jaisalmer	132 KV GSS Sangarh	132/33	50		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
97	SE(T&C), Jaisalmer	132 KV GSS Moolana (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
98	SE(T&C), Jaisalmer	132 KV GSS Mohangarh (newly approved)	132/33		25	0	0	1	2	0 MW	70 MW	70 MW	70 MW	70 MW
99	SE(T&C), Jaisalmer	133 KV GSS Jhinjhaniyall (newly approved)	132/33		25	0	0	1	2	0 MW	70 MW	70 MW	70 MW	70 MW
100	SE(T&C), Jodhpur	132 KV GSS Balesar	132/33	50		0	0	0	3	30 MW	30 MW	30 MW	30 MW	30 MW
101	SE(T&C), Jodhpur	132 KV GSS Kalau	132/33	75		0	0	1	1	50 MW	50 MW	50 MW	50 MW	50 MW
102	SE(T&C), Jodhpur	132 KV GSS Setrawa	132/33	50		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
103	SE(T&C), Jodhpur	220 KV GSS Aau	220/132	160		0	1	2	5	100 MW	100 MW	100 MW	100 MW	100 MW
			132/33	75		0	1	2	5	100 MW	100 MW	100 MW	100 MW	100 MW
104	SE(T&C), Jodhpur	220 KV GSS Baithwasia	220/132	320		0	1	1	2	100 MW	100 MW	100 MW	100 MW	100 MW
			132/33	50		0	1	1	2	100 MW	100 MW	100 MW	100 MW	100 MW
105	SE(T&C), Jodhpur	220 KV GSS Lohawat (newly approved)	220/132		160	0	1	5	4	0 MW	0 MW	200 MW	200 MW	200 MW
			132/33		50	0	1	5	4	0 MW	0 MW	200 MW	200 MW	200 MW
106	SE(T&C), Jodhpur	220 KV GSS Sanwreej (upgradation-newly approved)	220/132		160	0	2	4	4	0 MW	0 MW	100 MW	100 MW	100 MW
107	SE(T&C), Jodhpur	132 KV GSS Palli (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
108	SE(T&C), Jodhpur	132 KV GSS PS-vi (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
109	SE(T&C), Jodhpur	132 KV GSS Shekhala (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
110	SE(T&C), Kankani	132 KV GSS Bhopalgarh	132/33	45		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
111	SE(T&C), Kankani	132 KV GSS Borunda	132/33	37.5		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
112	SE(T&C), Kankani	132 KV GSS Falna	132/33	22.5		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
113	SE(T&C), Kankani	132 KV GSS Hatundi	132/33	50		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW

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114	SE(T&C), Kankani	132 KV GSS Jaitaran	132/33	37.5		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
115	SE(T&C), Kankani	132 KV GSS Piparcity	132/33	37.5		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
116	SE(T&C), Kankani	132 KV GSS Soyla	132/33	75		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
117	SE(T&C), Kankani	132 KV GSS Sumerpur	132/33	50		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
118	SE(T&C), Kankani	133 KV GSS Tagore Nagar Pali	132/33	50		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
119	SE(T&C), Kota	132 KV GSS Anta	132/33	37.5		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
120	SE(T&C), Kota	132 KV GSS Chipabarod	132/33	62.5		0	0	1	1	60 MW	60 MW	60 MW	60 MW	60 MW
121	SE(T&C), Kota	132 KV GSS Deoli Manjhi	132/33	75		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
122	SE(T&C), Kota	132 KV GSS Itawa	132/33	37.5		0	0	1	2	70 MW	70 MW	70 MW	70 MW	70 MW
123	SE(T&C), Kota	132 KV GSS Mangrol	132/33	25		0	0	1	0	30 MW	30 MW	30 MW	30 MW	30 MW
124	SE(T&C), Kota	132 KV GSS Sultanpur	132/33	25		0	0	1	0	30 MW	30 MW	30 MW	30 MW	30 MW
125	SE(T&C), Kota	132 KV GSS Borkheda (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
126	SE(T&C), Kota	132 KV GSS Narhargah (newly approved)	132/33		25	0	0	1	2	0 MW	70 MW	70 MW	70 MW	70 MW
127	SE(T&C), Kota	220 KV GSS Aklera (newly approved)	220/132 132/33		160 25	0	1	2	2	0 MW	100 MW	100 MW	100 MW	100 MW
128	SE(T&C), Merta	132 KV GSS Bidiyad	132/33	50		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
129	SE(T&C), Merta	132 KV GSS Dayalpura	132/33	25		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
130	SE(T&C), Merta	132 KV GSS Degana	132/33	25		0	0	1	2	30 MW	30 MW	30 MW	30 MW	30 MW
131	SE(T&C), Merta	132 KV GSS Deh	132/33	25		0	0	1	2	30 MW	30 MW	30 MW	30 MW	30 MW
132	SE(T&C), Merta	132 KV GSS Gogelaw	132/33	25		0	0	1	2	30 MW	30 MW	30 MW	30 MW	30 MW
133	SE(T&C), Merta	132 KV GSS Gotan	132/33	62.5		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
134	SE(T&C), Merta	132 KV GSS Lamba Jatan	132/33	50		0	0	1	1	50 MW	50 MW	50 MW	50 MW	50 MW
135	SE(T&C), Merta	132 KV GSS Narwa	132/33	50		0	0	1	2	50 MW	50 MW	50 MW	50 MW	50 MW
136	SE(T&C), Merta	132 KV GSS Parbatsar	132/33	25		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
137	SE(T&C), Merta	132 KV GSS Sanjoo	132/33	75		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
138	SE(T&C), Merta	220 KV GSS Khinvsar	220/132	200		0	0	0	3	30 MW	30 MW	30 MW	30 MW	30 MW
			132/33	100		0	0	0	3	30 MW	30 MW	30 MW	30 MW	30 MW
139	SE(T&C), Merta	220 KV GSS Kuchera	220/132	160		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
			132/33	25		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
140	SE(T&C), Merta	132 KV GSS Dhawa (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	0 MW	70 MW	70 MW
141	SE(T&C), Merta	132 KV GSS Kharwaliya (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	0 MW	70 MW	70 MW
142	SE(T&C), Ramgarh	400KV GSS Ramgarh	400/220	1500	500									
			220/132	160		2	4	0	0	1000 MW	1000 MW	1000 MW	1500 MW	1500 MW
			132/33	25										
143	SE(T&C), Ratangarh	132 KV GSS Bidasar	132/33	50		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
144	SE(T&C), Ratangarh	220 KV GSS Halasar	220/132	160		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
145	SE(T&C), Ratangarh	220 KV GSS Sujangarh	220/132	200		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
146	SE(T&C), Sawaimadhopur	132 KV GSS Batoda	132/33	25		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
147	SE(T&C), Sawaimadhopur	132 KV GSS Bhadoti	132/33	37.5		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
148	SE(T&C), Sawaimadhopur	132 KV GSS Malpura	132/33	37.5		0	0	1	0	30 MW	30 MW	30 MW	30 MW	30 MW
149	SE(T&C), Sawaimadhopur	132 KV GSS Nainwa	132/33	62.5		0	0	1	2	70 MW	70 MW	70 MW	70 MW	70 MW
150	SE(T&C), Sawaimadhopur	220 KV GSS Dooni	220/132	200		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
			132/33	25		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
151	SE(T&C), Sawaimadhopur	132 KV GSS Baler (commissioned in July 2020)	132/33	25		0	0	1	2	0 MW	70 MW	70 MW	70 MW	70 MW
152	SE(T&C), Sawaimadhopur	132 KV GSS Bonli (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	0 MW	70 MW	70 MW
153	SE(T&C), Sikar	132 KV GSS Antroli	132/33	37.5		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW

*Handwritten signatures and initials.*

Sr. No	Name of Circle	Name of GSS	Transformers			Space available for Spare bays for RE as on 30.06.2020				Estimated Spare Capacity for future RE Projects				
			Voltage Ratio (KV)	MVA Capacity (existing)	Additional approved Capacity (in MVA)	400 kV	220 kV	132 kV	33 kV	Existing	As on Dec. 2020	As on Dec. 2021	As on Dec. 2022	As on Dec. 2023
154	SE(T&C), Sikar	132 KV GSS Kudan	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
155	SE(T&C), Sikar	132 KV GSS Losal	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
156	SE(T&C), Sikar	132 KV GSS Thoi	132/33	50		0	0	1	2	30 MW	30 MW	30 MW	30 MW	30 MW
157	SE(T&C), Sikar	132 KV GSS Rashidpura (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
158	SE(T&C), Sirohi	132 KV GSS Badroona	132/33	62.5		0	0	1	2	50 MW	50 MW	50 MW	50 MW	50 MW
159	SE(T&C), Sirohi	132 KV GSS Bagora	132/33	75		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
160	SE(T&C), Sirohi	132 KV GSS Poonasa	132/33	75 (31.12.2020)		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
161	SE(T&C), Sirohi	132 KV GSS Badgaon	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
162	SE(T&C), Sirohi	132 KV GSS Bakra	132/33	25		0	0	1	2	30 MW	30 MW	30 MW	30 MW	30 MW
163	SE(T&C), Sirohi	132 KV GSS Jeewana	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
164	SE(T&C), Sirohi	132 KV GSS Mandawala	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
165	SE(T&C), Sirohi	132 KV GSS Swaroopganj	132/33	25		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
166	SE(T&C), Sirohi	133 KV GSS Ramseen	132/33	37.5		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
167	SE(T&C), Sirohi	220 KV GSS Sayla	220/132	160		0	0	1	2	50 MW	50 MW	50 MW	50 MW	50 MW
			132/33	50		0	0	1	2	50 MW	50 MW	50 MW	50 MW	50 MW
168	SE(T&C), Sirohi	132 KV GSS Daspan	132/33	50		0	0	1	0	50 MW	50 MW	50 MW	50 MW	50 MW
169	SE(T&C), Sirohi	132 KV GSS Jeran (newly approved)	132/33		25	0	0	1	2	0 MW	70 MW	70 MW	70 MW	70 MW
170	SE(T&C), Sirohi	132 KV GSS Surana (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
171	SE(T&C), Sirohi	132 KV GSS Khokha (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
172	SE(T&C), Sirohi	132 KV GSS Jaswantpura (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
173	SE(T&C), Sirohi	220 KV GSS Reodar (newly approved)	220/132	160		0	1	2	2	0 MW	0 MW	100 MW	100 MW	100 MW
			132/33	25		0	0	1	0	30 MW	30 MW	30 MW	30 MW	30 MW
174	SE(T&C), Udaipur	132 KV GSS Bheem	132/33	25		0	0	1	0	30 MW	30 MW	30 MW	30 MW	30 MW
175	SE(T&C), Udaipur	132 KV GSS Dakankotada	132/33	37.5		0	0	1	2	50 MW	50 MW	50 MW	50 MW	50 MW
176	SE(T&C), Udaipur	132 KV GSS Dariba	132/33	50		0	0	1	1	50 MW	50 MW	50 MW	50 MW	50 MW
177	SE(T&C), Udaipur	132 KV GSS Devgarh	132/33	37.5		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
178	SE(T&C), Udaipur	132 KV GSS Gogunda	132/33	25		0	0	0	2	20 MW	20 MW	20 MW	20 MW	20 MW
179	SE(T&C), Udaipur	132 KV GSS Sagwara	132/33	50		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
180	SE(T&C), Udaipur	132 KV GSS Salumber	132/33	37.5		0	0	0	1	10 MW	10 MW	10 MW	10 MW	10 MW
181	SE(T&C), Udaipur	132 KV GSS Seemalwara	132/33	25		0	0	1	0	30 MW	30 MW	30 MW	30 MW	30 MW
182	SE(T&C), Udaipur	220 KV GSS Amberi	220/132	320		0	0	1	2	50 MW	50 MW	50 MW	50 MW	50 MW
			132/33	25		0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
183	SE(T&C), Udaipur	132 KV GSS Sarda (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
184	SE(T&C), Udaipur	132 KV GSS Kotra (newly approved)	132/33		25	0	0	1	2	0 MW	0 MW	70 MW	70 MW	70 MW
Available spare capacity at existing GSS of RVPN to provide grid connectivity to Solar PPs										6090 MW	7750 MW	9700 MW	13290 MW	14290 MW
In general maximum Solar PP of capacity of 1x50 MW at 132 kV & 2x10 MW at 33 kV has been considered.														
Availability of land for Solar Plants is to be confirmed by RREC & availability of RoW is to be looked by Solar developer.														
The estimated spare capacity may vary depending upon the field conditions.														
* To be considered in yearly Transformer augmentation programme														

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