

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks					
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV						
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)								
21	Lakadia S/s	23°23'38.38"N, 70°35'51.81"E	WR	6x500MVA, 400/220kV, 1x1500MVA, 765/400V	2x1500MVA, 765/400kV	2x500MVA, 400/220kV	Section-A																	
							1	250	Avaada Inclean Pvt. Ltd. (50+200)				1	50										
							2	300	Avaada Energy Pvt. Ltd.				2	0										
							3	300	TEQ Green Power XVII Private Limited				3	0										
							4	350	ArcelorMittal Nippon Steel India Limited				4	0										
							5	300	Renew Solar (Shakti Eight) Pvt. Ltd. (200+100*)				5	0										
							Section-B																	
							6	300	Juniper Green Energy Pvt. Ltd.				6	0										
							7	152	TEQ Green XVI Pvt. Ltd (76+76)				7	148										
							8	300	Ganeko Solar Pvt. Ltd.(290+10)				8	0										
							9	350	Juniper Green Energy Pvt. Ltd. (150+200)				9	0										
						10	300																	
						11	300																	
							2602																	
22	Dhule PS	Tentative: 20°58'46.69"N; 74°9'2.84"E	WR			4x500MVA, 400/220kV	1	50	Avaada Energy Pvt. Ltd.				1	250					Presently, system has been planned for evacuation of 2GW capacity from Dhule PS					
							2				2	300												
							3				3	300												
							4				4	300												
							5				5	300												
							6				6	300												
							7				7	300												
							50																	
23	Mandsaur PS	Tentative: 24°12'46.53"N; 75°10'44.04"E	WR	3x1500MVA, 765/400kV; 5x500MVA, 400/220kV			Section-A													System has been planned for evacuation of 2GW capacity from Mandsaur PS.				
							1	300	Juniper Green Energy Pvt. Ltd.	1	1512	Greenko MP01 IREP Pvt. Ltd.		0										
							2			2				300										
							3			3				300										
							4			4				300										
							Section-B																	
							5			5				300										
6			6				300																	
7			7				300																	
							300																	
24	400/230 kV Tuticorin-II S/s	9°3'02.1" N 77°55'31.6"E	SR	5x500 MVA, 400/230 KV	1x500MVA, 400/230kV		222	250	Mytrah Energy (India) Private Limited				222	50			0	2	No 230kV line bay is available for allocation for grant of Connectivity. However, margins available in the already allocated line bays may be utilized for grant of Connectivity.					
							223						223											
							205	249.9	Green Infra Renewable Energy Limited				205	50.1										
							221	200	Orange Sironj Wind Power Pvt. Ltd.				221	100										
							220	250.2	Betam Wind Energy Private Limited				220	49.8										
							207	150	GRT Jewellers (India) Pvt Ltd				207	150										
							211	230	NTPC				211	70										
							215	540	JSW Renew Energy Limited				215	60										
							216						216											
							210	300	JSW Future Energy Ltd				210	0										
							2170.1					0			529.9		0							

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV	
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
25	400/230 kV Pugalur S/s	10°57'42"N 77°55'22"E	SR		2x315 MVA, 400/230 kV 1x500 MVA, 400/230 kV	-	210	300	Sprng Renewable Energy Private Limited				210	0			0	0	Pugalur S/s has been closed for all purpose regarding grant of Connectivity through new bay to potential RE projects.
								52.8	Sprng Akshaya Urja Pvt. Ltd.										
							1	151	Tata Power Renewable Energy Ltd.				1	0					
								151.2	Tata Power Renewable Energy Ltd.										
								655					0	0					
26	400/220 kV Palakkad S/s	10°46'22"N 76°45'36"E	SR		2x315 MVA + 1x500 MVA, 400/220 kV	-											1	0	
								0					0	0					
27	400/220 kV NP Kunta S/s	14° 2'53.18"N, 78°25'43.01"E	SR		4x500 MVA, 400/220 kV	1x500 MVA, 400/220 kV	1	1500	Andhra Pradesh Solar Power Corporation Ltd.				1				0	2	* Agreed for grant
							2					2							
							3					3							
							4					4							
							5					5							
							6					6							
							7					7							
							8					8							
							9					9							
							10					10							
							11					11							
							12					12							
							13	100	NHPC Ltd				13	100					
								100	First Energy Pvt. Ltd.*										
								1700					100						
28	400/220 kV Pavagada S/s	14.318579N 77.385479E	SR		6x500 MVA, 400/220 kV	2x500 MVA, 400/220 kV	1	2050	Karnataka Solar Power Development Corporation Ltd.				1	0			0	0	Pavagada PS has been closed for all purpose regarding grant of Connectivity through new bay to potential RE projects.
							2					2							
							3					3							
							4					4							
							5					5							
							6					6							
							7					7							
							8					8							
							218	300	Project Ten Renewable Power Private Limited				218						
							221	200	Solar Energy Corporation of India Ltd				221						
								100	Solar Energy Corporation of India Ltd.										
							222	500	Ircon Renewable Power Ltd				222						
							223					223							
							13	200	TEQ Green Power XVIII Pvt. Ltd.				13						
								3350					0	0					
29	400/220 kV Hiriyur S/s	13°57'12.33"N 76°32'11.40"E	SR		2x315 MVA + 1x500 MVA, 400/220 kV		215	300	ReNew Power Limited				215	0			0	0	
							216	66	Zenataris Renewable Energy Pvt Ltd				216	60					
								171.6	Zenataris Renewable Energy Pvt. Ltd.										
								537.6					60						

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV	
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
30	765/400 kV Kurnool(new) S/s	15°40'28.6" N 78°10'35.23" E	SR		2x1500 MVA, 765/400 kV	1x1500 MVA, 765/400 kV				409	900	Greenko AP01 IREP Pvt. Ltd			409	0	NA	1	
									412	565	Greenko AP01 IREP Pvt. Ltd			412	0				
										260	Greenko AP01 IREP Pvt. Ltd								
									418	989	AM Green Energy Pvt. Ltd			418	0				
								0		2714				0					
31	400/220 kV Koppal S/s	15°21'55.49"N 75°59'24.61"E	SR		5x500 MVA, 400/220 kV	1x500 MVA, 400/220 kV	201	300	ReNew Surya Ojas Private Limited				201	0			0		Koppal PS has been closed for all purpose regarding grant of Connectivity.
							204	300	Ayana Renewable power Six Pvt Ltd				204	0					\$ Consequent to cancellation of LOA by SECI, Connectivity has been revoked. However, Hon'ble CERC & Hon'ble High Court of Karnataka has stayed the revocation and subsequent allocation of bays / capacity.
							203	300	TP Saurya Ltd.				203	0					
							202	300	Renew Solar Power Pvt. Ltd.				202	0					
							205	115	Tunga Renewable Energy Pvt Ltd				205	0					
								189.93	Tunga Renewable Energy Pvt Ltd										
								45.07	Tunga Renewable Energy Pvt Ltd										
							215	150	Project Ten Renewable Power Private Limited				215	0					
								153.6	Kleio Solar Power Private Limited										
							216	300	Project Eight Renewable Power Private Limited \$				216	0					
							220	300	SolarOne Energy Private Limited \$				220	0					
							217	210	Serentica Renewables India 1 Private Limited				217	0					
								90	Serentica Renewables India 1 Private Limited										
								2753.6			0			0					
32	400/230 kV Karur S/s	10°50'34.10"N 77°39'32.91"E	SR		2x500 MVA, 400/230 kV	2x500 MVA, 400/230 kV	201	270	JSW Renew Energy Limited				201	30			5		*Agreed for grant
							202	150	JSW Future Energy Ltd				202	50					
								100	First Energy Pvt. Ltd.										
							207	198	Tata Power Renewable Energy Ltd.				207	0					
								93.6	Tata Power Renewable Energy Ltd.										
							1	300	JSP Green Wind 1 Pvt. Ltd.					0					
							1	288	Tata Power Renewable Energy Ltd.*										
								1399.6			0			80					
33	400/220 kV Gadag S/s	Boundary coordinates 15°47'13.673"N , 75°51'35.001" E 15°47'13.207" N, 75°51'22.707" E 15°46'58.257" N, 75°51'20.956" E 15°46'57.085" N, 75°51'34.122" E	SR		-	6x500 MVA, 400/220 kV	203	160	Vena Energy Vidyuth Private Limited (VEVPL) (160)				203	0			0		Gadag PS has been closed for all purpose regarding grant of Connectivity.
								140	Halvad Renewables Pvt. Ltd.*										*Agreed for grant
							204	300	Renew Solar Power Pvt. Ltd.				204	0					\$ Consequent to cancellation of LOA by SECI, Connectivity has been revoked. However, Hon'ble CERC & Hon'ble High Court of Karnataka has stayed the revocation and subsequent allocation of bays / capacity.
							201	170	Azure Power India Private Ltd (120 + 50)				201	0					
								130	Halvad Renewables Pvt. Ltd.*										
							202	300	Green Infra Wind Energy Ltd (GIWEL) (180 + 120 + 50)				202	0					
							216	285	Serentica Renewable India Pvt. Ltd. (165 + 120)				216	0					
							213	300	Renew Naveen Urja Pvt. Ltd				213	0					
							215	300	Project Eight Renewable Power Private Limited \$				215	0					
							217	300	SolarOne Energy Private Limited \$				217	0					
								2385			0			0					

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks		
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV			
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)					
34	765/400/220kV Koppal-II PS	Boundary coordinates 15°33'24.3189"N , 76°08'34.9729" E 15°33'50.9615"N , 76°08'32.9150" E 15°33'50.5476"N , 76°08'10.5697" E 15°33'22.8373"N , 76°08'10.9787" E	SR	3x1500 MVA, 765/400kV & 5x500 MVA, 400/220 kV		4x1500 MVA, 765/400kV & 4x500 MVA, 400/220 kV	1	85	Tata Power Renewable Energy Ltd				1	0			0	6	New Pooling Station under implementation in Koppal area of Karnataka. Space provision for additional bays is indicated considering Koppal-II PS for 9 GW capacity which includes RE potential at Koppal-II & Gadag-II . However allocation of bays at Koppal-II PS shall be made considering margins and applications received at Koppal-II PS & Gadag-II PS . *Agreed for grant Koppal-II PS has been closed for all purpose regarding grant of Connectivity and addition of RE generation capacity.		
								85	Tata Power Renewable Energy Ltd.												
								100	Ayana Renewable Power Pvt Ltd*												
							2	300	Tata Power Renewable Energy Ltd.				2	0							
							3	300	Scatec India Renewables One Pvt. Ltd				3	0							
							4	300	Torrent Surya Urja 2 Pvt. Ltd.				4	0							
							5	184	ABREL (RJ) Projects Ltd.				5	0							
								102	Aditya Birla Renewables Subsidiary Ltd.												
							6	153.6	VEH Green Energy Pvt. Ltd.				6	0							
								50	Vena Energy Aura Pvt. Ltd.*												
								50	Vena Energy Aura Pvt. Ltd.*												
								24	Vena Energy Aura Pvt. Ltd.*												
							7	288	Tata Power Renewable Energy Ltd.				7	0							
							8 & 9	400	JSP Green Wind 1 Pvt. Ltd.				8 & 9	0							
							10	50	Avaada Energy Pvt. Ltd.				10	0							
250	Avaada Energy Pvt. Ltd.																				
11	225	Tata Power Renewable Energy Ltd.				11	0														
8 & 9	300	JSP Green Wind 1 Pvt. Ltd.*				8 & 9	0														
12	270	Clean Renewable Energy Hybrid Two Pvt. Ltd.				12	0														
13	300	Gadag Power India Pvt. Ltd.				13	0														
14	125.4	Torrent Solar Power Pvt Ltd.*				14															
15	232.5	Tata Power Renewable Energy Ltd.*				15															
						4174.5			0		0										
35	400/220kV Gadag-II PS	Boundary coordinates 15°22'14.4772"N , 75°49'46.7210" E 15°22'17.2495"N , 75°50'01.3943" E 15°22'18.6458"N , 75°50'02.4365" E 15°22'37.0065"N , 75°50'02.4485" E 15°22'37.1862"N , 75°49'44.6073" E 15°22'37.0481"N , 75°49'37.0087" E 15°22'25.2447"N , 75°49'35.1817" E 15°22'12.8352"N , 75°49'30.6963" E	SR	7x500 MVA, 400/220kV		2x500 MVA, 400/220 kV	1	200	TP Saurya Ltd.	1 & 2	640	Greenko KA01 IREP Pvt. Ltd.	1	0	1 & 2	0	0	2	New Pooling Station under implementation in Gadag area of Karnataka. *Agreed for grant M/s Serentica Renewables india Pvt. Ltd. requested to shift its all granted connectivity at 220kV level along with agreed for grant application at 400 kV Level. Gadag-II PS has been closed for all purpose regarding grant of Connectivity and addition of RE generation capacity.		
							2	160	Halvad Renewables Pvt. Ltd.		260	Greenko KA01 IREP Pvt. Ltd.	2	0	3	0					
								82.8	Azure Power India Pvt Ltd.*	3	50	Serentica Renewables india Pvt. Ltd.									
							3	300	Green Infra Wind Energy Ltd.		50	Serentica Renewables india Pvt. Ltd.	3	0							
							4	170	Tata Power Renewable Energy Ltd		50	Serentica Renewables india Pvt. Ltd.	4	0							
								170	Tata Power Renewable Energy Ltd.		50	Serentica Renewables india Pvt. Ltd.									
							5	207	SolarXL Beta Energy Pvt. Ltd.		150	Serentica Renewables india Pvt. Ltd.	5	0							
							6	250	Project Nine Renewable Power Pvt. Ltd.		550	Serentica Renewables india Pvt. Ltd.*	6	0							
								50	Avaada Energy Pvt. Ltd.												
							7	184	ABREL (RJ) Projects Ltd.				7	0							
								102	Aditya Birla Renewables Subsidiary Ltd.												
							8	300	Renew Vayu Energy Pvt. Ltd.				8	0							
9	400	Tata Power Renewable Energy Ltd.				9	0														
10	250	Avaada Energy Pvt. Ltd.				10	0														
11	300	Green Infra Renewable Projects Ltd.				11	0														
12	350	NTPC Renewable Ltd.*				12															
						3475.8		1800		0	0										

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV	
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
36	765/400/220kV Kurnool-III PS	Boundary coordinates 15°01'47.416"N , 78°08'21.156" E 15°01'42.549"N , 78°09'03.340" E 15°01'08.814"N , 78°08'59.204" E 15°01'13.713"N , 78°08'17.023" E	SR	3x1500 MVA, 765/400kV		3x1500 MVA, 765/400kV & 9x500 MVA, 400/220 kV	1	150	AMP Green Energy Pvt. Ltd.	1 & 2	600	Adani Renewable Energy Forty Two Ltd.	1	0		0	17	0	New Pooling Station under implementation in Kurnool area of AP. *Agreed for grant Kurnool-III PS has been closed for all purpose regarding grant of Connectivity and addition of RE generation capacity.
								200	AMP Energy Green Pvt. Ltd.	3	800	Indosol Solar Pvt. Ltd.				0			
							2	100	Amp Energy Cl Twelve Pvt. Ltd.	4	900	Indosol Solar Pvt. Ltd.	2	0		0			
							3	270	Hero Solar Energy Pvt. Ltd.	5	900	Indosol Solar Pvt. Ltd.	3	0		0			
							4	300	SAEL Industries Ltd.	6	900	Indosol Solar Pvt. Ltd.	4	0		0			
							5	300	SAEL Industries Ltd.	7 & 8	1250	Adani Renewable Energy Fifty One Ltd.*	5	0		0			
							6	400	Acme Cleantech Solutions Pvt. Ltd				6	0					
							7	270	Hero Solar Energy Pvt. Ltd.				7	0					
							8	400	TATA Power Renewable Energy Ltd.*				8	0					
							9	130	Amplus Everest Solar Pvt. Ltd.*				9	0					
						130		Amplus Iifa Solar Pvt. Ltd.*											
							2650			5350		0		0					
37	400/220kV Ananthapuram PS	Boundary coordinates 15°09'16.74"N , 77°25'49.14" E 15°09'0.32"N , 77°25'25.99" E 15°08'44.81"N , 77°25'34.83" E 15°09'1.14"N , 77°25'59.46" E	SR			7x500 MVA, 400/220 kV	1	295	Project Nine Renewable Power Pvt. Ltd.	1 & 2	1710	Renew Vikram Shakti Pvt. Ltd. #	1	0	1 & 2	12	4	New Pooling Station under implementation in Ananthapuram area of AP. *Agreed for grant # As per CERC directions, 3 nos. of 400kV bays reserved for the applications of Renew Vikram Shakti Pvt. Ltd.(1710) & Acme Cleantech Solutions Pvt. Ltd.(400 + 400). Further, Hon'ble High Court of Andhra Pradesh has directed that "Any connectivity that has been done pursuant to the orders dated 30.08.2023 is however subject to outcome of the writ petition" Ananthapuram-III PS has been closed for all purpose regarding grant of Connectivity and addition of RE generation capacity.	
								50	Ayana Renewable Power Four Pvt. Ltd	3	250	ABC Cleantech Pvt. Ltd.			3				
							2	150	Seven Renewable Power Pvt. Ltd.		250	ABC CT RE Park (01) Pvt. Ltd	2	0					
							3	400	Acme Cleantech Solutions Pvt. Ltd		250	ABC CT RE Park (02) Pvt. Ltd	3	0					
							4	160	Renew Vikram Shakti Pvt. Ltd. *		250	ABC CT RE Park (03) Pvt. Ltd	4	0					
								140	Renew Vikram Shakti Pvt. Ltd. *										
							1195			2710		0		0					
38	765/400/220kV Bidar PS	Boundary coordinates 18°17'51.73"N , 77°18'8.95" E 18°17'51.19"N , 77°18'31.17" E 18°18'10.22"N , 77°18'31.23" E 18°18'11.89"N , 77°18'37.28" E 18°18'20.47"N , 77°18'37.51" E 18°18'20.86"N , 77°18'27.79" E 18°18'16.57"N , 77°18'27.67" E 18°18'16.45"N , 77°18'9.41" E	SR			3x1500 MVA, 765/400kV & 5x500 MVA, 400/220 kV	1	300	Hero Solar Energy Pvt. Ltd.				0		16	10	New Pooling Station under implementation in Bidar area of Karnataka. *Agreed for grant		
							2	200	Spring Powerinfra Pvt. Ltd. *				100						
							500			0		100							
39	765/400/220kV Davanagere/Chitradurga PS		SR			4x1500 MVA, 765/400kV & 4x500 MVA, 400/220 kV	1	200	Renew Solar Power Pvt. Ltd. *			1	100		17	8	New Pooling Station under bidding in Davanagere/Chitradurga area of Karnataka. *Agreed for grant		
													100						
							200					100							
40	400/220kV Bellary PS		SR			4x500 MVA, 400/220 kV								18	6	New Pooling Station under bidding in Bellary area of Karnataka.			
41	400/220kV Bijapur PS		SR			5x500 MVA, 400/220 kV	1	300	Apraava Energy Pvt. Ltd.			1	0		13	6	New Pooling Station under bidding in Bijapur area of Karnataka. *Agreed for grant		
							2	252	Tata Power Renewable Energy Ltd.			2	0						
								50.4	Tata Power Renewable Energy Ltd.										
							3	125	TEQ Green Power XVI Pvt. Ltd.			3	0						
								175	TEQ Green Power XVI Pvt. Ltd.										
							4	300	Renew Solar Power Pvt. Ltd. *			4	0						
5	252	Sunsure Solarpark RJ One Pvt. Ltd.			5	48													
							1454.4			0		48							
42	400/220kV Tumkur-II PS	Boundary coordinates 14° 7'36.01"N , 77°19'20.48"E 14° 7'51.52"N , 77°19'47.47"E 14° 7'35.63"N , 77°19'56.04"E 14° 7'22.30"N , 77°19'31.94"E	SR			4x500 MVA, 400/220 kV	1	50	Project Ten Renewable Power Pvt. Ltd.			1	100		16	6	New Pooling Station under approval inTumkur area of Karnataka. * Agreed for grant		
								150	Ayana Renewable Power Pvt. Ltd *										
							2	300	Karnataka Solar Power Development Corporation Ltd.			2	0						

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV	
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
43	765/400/220kV Bhadla PS #	27 25 10 N, 72 04 20E	NR		3x1500MVA, 765/400kV, 8x500MVA, 400/220kV		1	250	Adani Renewable Energy Park Rajasthan Ltd	0	0		1	0			0	0	No more evacuation can be accommodated due to system capacity constraints in existing / planned system.
							2					2							
							3	500	Saurya Urja Company of Rajasthan Ltd.			3	0						
							4					4							
							225	750	Essel Saurya Urja Company of Rajasthan Ltd.			225	0						
							226					226							
							237	130	Azure Power India Pvt. Ltd			237	0						
							217	300	Tata Power Renewable Energy Ltd. (150+150)			217	0						
							232	300	Azure Power India Pvt. Ltd.			232	0						
							235	300	Azure Power India Pvt. Ltd.(250+50)			235	0						
							224	300	Adani Renewable Energy Holding One Ltd. (erstwhile Mahoba Solar (UP) Pvt. Ltd.)(200+50+50)			224	0						
							223	250	ACME Solar Holdings Ltd			223	0						
							219	250	Hero Solar Energy Pvt.Ltd.			219	0						
							227	250	Mahindra Susten Private Limited			227	0						
								3580			0		0						
44	765/400/220kV Bikaner S/s #	28 14 57 N, 73 22 55 E	NR	1x500 MVA, 400/220kV	3x1500MVA, 765/400kV, 2x500MVA, 400/220kV	1x1500MVA, 765/400kV, 1x500MVA, 400/220kV	208	300	SBSR Power Cleantech Eleven Pvt. Ltd	415	850	ReNew Solar Power Pvt. Ltd. (250+300) AK Renewable Infra Private Limited (300)	208	0	415	50	0	0	Due to space constraints for additional 400kV corridor as well as 765/400kV ICTS, no new bay shall be allocated for grant of Stage-II Connectivity in line with decision in 5th CMETS meeting held on 30.03.2022.
							207	300	AVIKIRAN SURYA INDIA PRIVATE LIMITED	418	600	Azure Power India Pvt. Ltd.(300+300)	207	0	418				Additional transmission capacity is planned to meet N-1 requirement.
							204	335	Tata Power Green Energy Ltd. (225+110)	403	890	Avaada Energy Pvt. Ltd.(350+300+240)	204	0	403				50 MW margin available as other application granted Connectivity at Bikaner PS
							203	300	Shikhar Surya (One) Pvt. Ltd. (70+105+125)	406	600	Ayana Renewable Power One Private Limited(300+300)	203	0	406				
								1235			2940		0		50				
45	400kV Fatehgarh PS (TBCB) #	26°51'8.48"N, 71°30'34.29"E	NR	-	-	-	-	-	-	1	1000	Adani Renewable Energy Park Rajasthan Ltd.	-	-	1	0	0	0	No more evacuation can be accommodated due to system capacity constraints in existing / planned system
										2					2				
										410	1200	ACME Solar Holdings Ltd. (4 applications each 300)			410	0			
								0			2200		0		0				
46	765/400/220kV Bhadla-II PS #	Boundary Coordinates Point1:- 27.5047695, 72.4764157 Point2:- 27.5103991, 72.4844684 Point3:- 27.5160828, 72.4792790 Point4:- 27.5109950, 72.4713292	NR	1x500 MVA, 400/220kV	3x1500MVA, 765/400kV, 7x500MVA, 400/220kV	2x1500MVA, 765/400kV, 1x500MVA, 400/220kV	202	925	Rajasthan Solar Park Development Company Ltd.	441	550	NTPC Ltd.(250+300)	202	0	441	0	0	0	*Agreed for grant in 23rd CMETS-NR.
							203			412	650	Azure Power India Private Limited (500+150)	203		412	350**			**CERC order in 268/MP/2023 & 269/MP/2023 stipulates re-allocation exercise to be carried out again. However, matter subjudice with APTEL. Available margin (up to 500MW) shall be offered for reallocation followed by allocation to new applicants (incl. connectivity under process) subject to APTEL directions/CERC approved procedure for reallocation
							205			415	500	Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Ltd.)	205		415	0			No additional connectivity can be accommodated due to technical limitation at Bhadla-II PS.
							206						206						Additional transformation capacity is planned to meet N-1 requirement.
							208	250	Mahindra Susten Pvt. Ltd.				208	0					
							209	300	ABC Solar (India) Private Limited (erstwhile TBEA Solar (India) Pvt Ltd.)				209	0					
							218	300	ACME Solar Holdings Pvt. Ltd. (erstwhile ACME Solar Holdings Ltd)				218	0					
							219	300	NTPC Ltd.				219	0					
							221	300	Eden Renewable Alma Private Limited				221	0					
							A202	450	Project Nine Renewable Power Private Limited*				A202	150**					
							A203						A203						
							A205	300	AMP Energy Green Private Limited (100+ 100+100)				A205	0					
							A206	320	Avaada Energy Pvt. Ltd.				A206	0					
							A209	300	Solarpack Corporacion Tecnologica S.A.				A209	0					
								3745			1700		150		350				

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks							
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV								
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)										
47	765/400/220kV Fatehgarh-II PS #	Boundary Coordinates Point1:- N 26°42'13.3884", E 71°16'48.936 Point2:- N 26°42'13.5936", E 71°16'19.9956" Point3:- N 26°42'45.9396", E 71°16'19.8588" Point4:- N 26°42'45.6912", E 71°16'48.666"	NR	1x1500 MVA, 765/400kV, 2x500MVA, 400/220kV	5x1500MVA, 765/400kV, 9x500MVA, 400/220kV	1x1500MVA, 765/400kV	211	390	Adani Renewable Energy Holding One Ltd. (erstwhile Mahoba Solar (UP) Pvt. Ltd.)	432	0		211	0	432	500*	0	0	Additional transformation capacity (1x500MVA) is planned to meet N-1 criteria. *CERC order in 268/MP/2023 & 269/MP/2023 stipulates re-allocation exercise to be carried out again. However, matter subjudice with APTEL. Available margin (upto 1000 MW) shall be offered for reallocation followed by allocation to new applicants (incl. connectivity under process) subject to APTEL directions/CERC approved procedure for reallocation.							
							212				212															
							218	300	ReNew Solar Energy (Jharkhand Four) Pvt. Ltd.				218	0												
							203	300	Eden Renewable Cite Pvt. Ltd				203	0												
							221	300	ReNew Solar Energy (Jharkhand Four) Pvt. Ltd.				221	0												
							220	300	ReNew Solar Energy (Jharkhand Three) Private Limited				220	0												
							209	300	Adani Hybrid Energy Jaisalmer Two Ltd. (erstwhile Adani Green Energy Seven Limited)				209	0												
							210	300	Adani Hybrid Energy Jaisalmer Three Ltd. (erstwhile Adani Green Energy Nine Limited)				210	0												
							A220	450	SBE Renewables Ten Private Limited				A220	0												
							A221						A221													
							202	300	Renew Solar Urja Private Limited				202	0												
							A222	240	NTPC Ltd. (150+90)				A222	0												
							A205	0					A205	500*												
							A206						A206													
							A209	500	Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Limited)				A209	0												
							A210						A210													
							A218	180	SBE Renewables Sixteen Private Limited				A218	0												
							A203	300	Eden Renewable Passy Private Limited				A203	0												
							A202	300	Eden Renewable Bercy Private Limited				A202	0												
													4460			0					500		500			
48	765/400/220kV Fatehgarh-III PS #	26°21' 00" N, 71°06' 00" E	NR	4x500MVA, 400/220kV (Section-I)	1x500MVA, 400/220kV (Section-I)	6x1500 MVA, 765/400kV+5x500 MVA, 400/220kV (Section-II)	201	300	Renew Surya Vihaan Private Limited (200+100)	449	100	Azure Power India Pvt. Ltd. (100)	201	0	449	667*	0	0	Margins (667+50MW) are available on Section-II only as indicated. *Re-allocation matter subjudice with APTEL. Available margin (upto 717 MW) shall be offered for reallocation followed by allocation to new applicants (incl. connectivity under process) subject to APTEL directions/CERC approved procedure for reallocation							
							202	400	Renew Surya Roshni Private Limited	423	1100	ReNew Solar (Shakti Three) Private Limited (300) ReNew Solar (Shakti Five) Private Limited (400) ReNew Samir Shakti Private Limited (300) ReNew Dinkar Jyoti Private Limited (100)	202	0	423	0										
							204	380	Altra Xergi Power Private Limited	453	900	Serentica Renewable India Pvt. Ltd. (300+300+300)	204	0	453	0										
							206	600	SBE Renewables Seventeen Private Limited	446	800	Sprng Power Private Limited (300) Sprng Akshaya Urja Private Limited (100) SPRNG ENERGY PRIVATE LIMITED (400)	206	0	446	0										
							208					208														
							210	300	ReNew Surya Aayan Private Limited				210	0												
							212	250	JSW Renew Energy Five Limited				212	0												
							218	250	JSW Renew Energy Five Limited																	
							Section-II																			
							227	250	Khaba Renewable Energy Private Limited (250)				227	50*												
							225	300	IB VOGT Solar Seven Private Limited				225	0												
							239	420	ReNew Surya Jyoti Private Limited (210),ReNew Surya Pratap Private Limited(210)				239	0												
							233	400	ABC Renewable Energy Private Limited				233	0												
							231	400	XL Xergi Power Pvt. Ltd.				231	0												
							229	300	Enregizent Power Private Limited (125+80) Teq Green Power XV Private Limited (95)				229	0												
													4560			2900					50		667			
							49	400/220kV Bikaner-II PS#	28°09'20"N, 73°00'23.4"E	NR	2x500MVA, 400/220kV	2x500MVA, 400/220kV	6x500MVA, 400/220kV	202	335	Juna Renewable Energy Pvt Ltd. (290+45)				416	1000	SJVN Ltd.	202	0	416	0
203	300	ReNew Dinkar Urja Pvt. Ltd. (200) Litsolaire Energy Pvt. Ltd. (100)				203								0												
207	300	Khidrat Renewable Energy Private Limited				207								0												
208	300	TP Saurya Limited (300)				208								0												
216	250	Sprng Nirjara Energy Private Limited (50) Juniper Green Cosmic Private Limited(100) Sourya Manthan Renewable Energy Private (100)				216								0												
218	400	Serentica Renewables India Pvt. Ltd. (100 + 300)				218								0												
214	100	Onevolt Energy Private Limited				214								0												
	100	Grian Energy Private Limited																								
	100	Amplus Ages Private Limited																								
201	300	ACME Solar Holdings Private Limited				201								0												
213	400	Prerak Greentech Private Limited (340 + 60)				213								0												
226 & 227	600	ALF Solar Amarsar Private Limited (400 + 150+50)				226 & 227								0												
225	300	NHPC Ltd.				225								0												
						3785										1000		0		0						

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks					
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV						
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)								
50	400/220kV Fatehgarh-IV PS#	26°15'2.58" N, 71°14'7.21" E	NR			5x500MVA, 400/220kV (Section-I)	203	380	ABC Renewable Energy Pvt. Ltd.				1	0					Fatehgarh-IV PS (Section-II) is yet to be awarded. *About 100 MW earlier reallocated from Barmer-I to Fatehgarh-IV. CERC order in 268/MP/2023 & 269/MP/2023 stipulates re-allocation exercise to be carried out again. However reallocation matter is subjudice with APTEL; margin allocation shall be subject to outcome of APTEL directions/CERC Approved Procedure for reallocation					
							212	300	AMP Energy Green Pvt. Ltd. (130 + 120+50)				2	0										
							205	380	ABC RJ Land 01 Pvt. Ltd. (110+270)				3	0										
							207	365	Juniper Green Stellar Private Limited (100 100 + 60 +45+ 60)				4	0										
							214	300	Lucoo Solar Pvt. Ltd. (200 + 100)				5	0										
							216	300	BN Hybrid Power-1 Pvt. Ltd. (119.2+180.8)				6	0										
							Section-II																	
							220	320	Cannice Renewables Energy Private Limited (80 + 150+90)	1	600	ReNew Solar Power Pvt. Ltd. (300 + 300)	1	0										
							1	300	Radiant Star Solar Park Pvt. Ltd. (200 + 100*)	2	900	NTPC Renewable Energy Ltd.	2	0										
							2	300	Helia Energy park (200 + 100)				3	0										
							3	300	Tepsol Saur Urja Pvt. Ltd.				4	0										
							4	300	Sprng Pavana Urja Private Limited (50+100*+150*)				5	0										
							5	410	Green Infra Clean Wind Technology Ltd. (300) Green Infra Clean Solar Farms Pvt. Ltd. (110)				6	0										
							6	300	Juniper Green Stellar Pvt. Ltd.				7	0										
							7	300	Utkrisht Solar Energy Pvt. Ltd.				8	0										
							8	300	BN Dispatchable-1 Pvt. Ltd.				9	0										
							9	390	Aditya Birla Renewables Subsdiary Ltd.				10	0										
10	260	ABREL (RJ) Projects Ltd.				11	0																	
							5505				1500		0		0									
51	765/400/220kV Bhadla-III PS#	Boundary Coordinates Point1:- N 27°40'56", E 72°11'47" Point2:- N 27°41'17", E 72°11'56" Point3:- N 27°40'46", E 72°11'59" Point4:- N 27°41'00", E 72°11'47"	NR	2x1500MVA, 765/400kV, 6x500MVA, 400/220kV		2x1500MVA, 765/400kV, 3x500MVA, 400/220kV	1	400	Prerak Greentech Solar Private Limited	1	1000	ReNew Solar (Shakti Six) Private Limited (550 + 450)	1	0	1	0	4		600 MW margin (2 nos. 220kV bay) reserved as per court order- reallocation matter subjudice.					
							2	340	Abu Renewables India Private Limited	2	800	ReNew Solar (Shakti Six) Private Limited (400 + 400)	2	0										
							3	300	Juniper Green Beta Pvt. Ltd. (150 + 40 + 70 + 40)	3	650	Malur Renewables Private Limited	3	0										
							4	300	Seven Renewable Power Pvt. Ltd.				4	0										
							5	300	Tepsol Sun Sparkle Pvt. Ltd.				5	0										
							6	300	Bhadla Three SKP Green Ventures Pvt. Ltd.				6	0										
							7	300	Juniper Green India Six Private Limited				7	0										
							8	300	Frugal Energy Pvt Ltd (50+250)				8	0										
							9	300	Serentica Renewables India Private Limited				9	0										
							10	310	Solarcraft Power India 4 Pvt. Ltd. (150 + 110 + 50*)				10	0										
							11	300	Green Infra Clean Energy Generation Ltd.				11	0										
														3450				2450			0		0	
52	765/400/220kV Ramgarh PS#	Boundary Coordinates Point1:- N 27°28'17.25" & E 70°29'38.37" Point2:- N 27°28'33.14" & E 70°28'52.29" Point3:- N 27°28'08.80" & E 70°28'34.37" Point4:- N 27°28'16.70" & E 70°28'43.16"	NR	1x1500MVA, 765/400kV, 1x500MVA, 400/220kV		2x1500MVA, 765/400kV, 2x500MVA, 400/220kV	1			1	650	Adani Renewable Energy Holding Four Ltd. (500)	1		1	250	12	1						
							2						2											
							3																	
							4																	
							0				650		250											
53	765/400/220kV Bikaner-III PS#	Boundary Coordinates Point1:- N 28°22'22.5372", E 73°10'14.722" Point2:- N 28°22'30.5184", E 73°10'58.998" Point3:- N 28°22'22.0008", E 73°10'53.267" Point4:- N 28°22'5.8332", E 73°10'28.697"	NR			6x1500MVA, 765/400kV, 5x500MVA, 400/220kV	1	250	Juniper Green Cosmic Private Limited (150) First Energy Private Limited (100)*	1	1000	MRS BUILDVISION PRIVATE LIMITED	1	0	1	0	1		No margin available as other applications granted Connectivity at Bikaner-III PS *about 900 MW was earlier reallocated from Bikaner-IV to Bikaner-III. CERC order in 268/MP/2023 & 269/MP/2023 stipulates re-allocation exercise to be carried out again. However reallocation matter is subjudice with APTEL; margin allocation shall be subject to outcome of APTEL directions/CERC Approved Procedure for reallocation.					
							2	267	Proteus Energy Private Limited (217) Sunsore Solarpark RJ One Private Limited (50)	2	1400	SUNBREEZE RENEWABLES NINE PRIVATE LIMITED	2	0	2	0								
							3	300	TP Saurya Limited	3			3		3	0								
							4	300	ACME Cleantech Solutions Private Limited				4	0										
							5	350	Saimaa Solar Private Limited (150) Sunsore Solarpark RJ One Private Limited (50+50+50+50)				5	0										
							6	500	NTPC Renewable Energy Ltd. *				6	0										
							7						7	0										
							8	300	Deshraj Solar Energy Private Limited*				8	0										
							2267				2400		0		0									
54	765/400/220kV Bikaner-IV PS#	Location yet to be identified	NR	6x1500MVA, 765/400kV, 6x500MVA, 400/220kV			1	300	Solarcraft Power India 17 Pvt. Ltd.	1	950	Avaada RBikaner Private Limited (50+600) Avaada Energy Private Limited (300)	1		1	0	7		Bikaner-IV PS Tr. Scheme is under bidding About 900 MW was earlier reallocated from Bikaner-IV to Bikaner-III. CERC order in 268/MP/2023 & 269/MP/2023 stipulates re-allocation exercise to be carried out again. However reallocation matter is subjudice with APTEL; margin allocation shall be subject to outcome of APTEL directions/CERC Approved Procedure for reallocation.					
							2	300	Sunsore Solar Park Fourteen Pvt. Ltd.	2	800	NTPC Renewable Energy Ltd. (150+250+400)	2											
							3	300	AM Green Energy Private Limited	3	700	NTPC Renewable Energy Ltd.	3											
							4	300	Hazel Hybrn Private Limited				4											
							5	300	Iraax International (Opc) Pvt. Ltd.															
							6	300	Clean Max Gamma Pvt. Ltd.															
							7	250	Shudh Solar Power Private Limited															
							8	300	Furies Solren Private Limited															
							2350				2450		0		0									

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV	
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
55	765/400/220kV Barmer-I PSH	Boundary Coordinates* (As on 21.02.2024) Point1:- 25° 55'4.2"N, 71°7'25.43"E Point2:- 25° 55'11.22"N, 71°7'51.64"E Point3:- 25° 54'51.34"N, 71°7'57.65"E Point4:- 25° 54'43.74"N 71°7'33.33" E	NR	5x1500MVA, 765/400kV 9x500MVA, 400/220kV			1	400	ACME Cleantech Solutions Pvt. Ltd.	1	0						5		Barmer-I PS & its interconnections are yet to be awarded About 100 MW earlier reallocated from Barmer-I to Fathegarh-IV. CERC order in 268/MP/2023 & 269/MP/2023 stipulates re-allocation exercise to be carried out again. However reallocation matter is subjudice with APTEL; margin allocation shall be subject to outcome of APTEL directions/CERC Approved Procedure for reallocation.
							2	300	Teq Green Power XV Pvt. Ltd.	2	0								
							3	300	Avaada Energy Private Limited (50+250)	3	0								
							4	300	Eden Renewable Cadet Pvt. Ltd.	4	0								
							5	300	Enren-I Energy Pvt. Ltd.	5	0								
							6	250	Anboto Solar Private Limited	6			50						
							7	300	Auxo Sunlight Private Limited	7									
							8	300	Gamma Renewables India Project One Ltd.	8									
							9	300	Juniper Green Energy Private Limited	9									
							10	300	ReNew Sun Power Private Limited	10									
							3050			0			0						
56	765/400/220kV Sirohi S/s	Boundary Coordinates* Point1:- 25° 5'17.12"N, 72°47'45.20"E Point2:- 25° 5'4.97"N, 72°47'13.43"E Point3:- 25° 4'42.39"N, 72°47'33.31"E Point4:- 25° 5'1.36"N 72°47'52.69" E	NR	2x1500MVA, 765/400kV														Tr. System under finalization for 1GW evacuation (Exp. sch. Mar'27). For balance 1GW evacuation, Tr. System is being planned (exp. sch. upto Mar'28). Presently Sirohi 400kV level under bidding; 220kV level if required shall have to be taken up for approval seperatel	

Disclaimer :-
1. Boundary coordinates indicates the periphery within which the Sub-station is located.
2. Bay numbers are indicative in nature and may be co-related with SLD issued by concerned ISTS Licensee.
3. *The co-ordinates are tentative in nature and subject to change as per availability of land with in boundary limit. Boundary limit is 3 km radius of above plot (3 km from any of the corner).
4. Transition of Connectivity applications received under Connectivity Regulations 2009 to GNA and Connectivity/GNA applications received under GNA Regulations, 2022 are under process.