

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)											
				Section - A																							
1	400/220kV Jam Khambhaliya (GIS) PS #	22°08'41"N 69°40'38"E	WR	400/220kV, 5X500MVA (5th-9th)	400/220kV, 4X500MVA,		201	250.71	Apraava Energy Pvt. Ltd.	407	0	Vacant	201	49.29	407			Transformation Capacity at 400/220kV Jam Khambhaliya (GIS) PS is expandable up to 9x500MVA ICTs. 2x500MVA ICTs are planned for State Drawal and 7x500MVA ICTs for RE Injection upto 3000.									
							202	300	Juniper Green Energy Pvt. Ltd. (200+100)	2			202	0	2												
							203	300.6	Powerica Ltd. (50.6+53+50); IndianOil NTPC (147)	3			203	0	3												
							206	290	Torrent Power Ltd. (115); Airpower Windfarms Pvt. Ltd. (175)	4			206	10	4												
							207	350	Avaada Energy Pvt. Ltd.(50+100+50); Malaren Solar Pvt. Ltd. (150)	5			207	0	5												
							211	559	NTPC Renewable Energy Ltd. (500 + 45 + 14)	6			211	41	6												
							212			7			212		7												
							Section - B																				
							8	400	ACME Sun Power Pvt. Ltd.	8			8	0	8												
							9	250	Mounting Renewable Power Ltd.	9			9	50	9												
							10	300	Juniper Green Energy Pvt. Ltd. (100+200*)	10			10	0	10												
														52.8	3000.31				0			52.8					
							2	765/400/220kV Bhuj PS#	23.45583333° N, 69.56235833° E	WR	1X500MVA, 400/220kV (10th)	4x1500MVA, 765/400kV; 8X500MVA, 400/220kV	1X500MVA, 400/220kV (9th)	205	774	Inox Green Energy Services Ltd. (50) ; Wind One Renergy Ltd (50); Wind Two Renergy Ltd (50); Wind Three Renergy Ltd (50); Wind Five Renergy Ltd (50); Continuum Power Trading (TN) Ltd (126); NTPC Renewable Energy Ltd. (150); Purvah Green Power Pvt. Ltd. (99) Oyster Green Hybrid One Pvt. Ltd. (99) NLC India Ltd. (50)					205	0				Transformation Capacity at 400/220kV Bhuj PS are expandable up to 9x500MVA ICTs	
208					208																						
206	315	Ayana Renewable Power Four Pvt. Ltd. (100); NTPC Renewable Energy Ltd. (155 + 10*) Seven Renewable Power Private Limited (50)				206								0													
207	150	Ayana Renewable Power Four Pvt. Ltd.				150																					
215	300	Green Infra Wind Energy Ltd.				215								0													
216	250	Green Infra Wind Energy Ltd.				216								50													
219	555	Adani Wind Energy Kutchh one Ltd. (175); Adani Wind Energy Kutchh Three Ltd. (250); Adani Wind Energy Kutchh Five Ltd. (130);				219								45													
220						220																					
230	300	Alfanar Energy Pvt Ltd				230								0													
231	300	Netra Wind Pvt Ltd				231								0													
232	243.6	Avikiran Solar India Pvt. Ltd.(168) Hexa Climate Solutions Pvt. Ltd. (75.6)				232								56.4													
234	300	Renew Wind Energy (AP2) Pvt. Ltd				234								0													
222	300	NLC India Ltd. (200+100*)				222								0													
217	600	Indianoil NTPC Green Energy Pvt. Ltd.				217								0													
218						218																					
														4387.6													
3	765/400/220kV Bhuj-II PS#	Boundary Coordinates 23°22'29.92"N 69° 8'32.39"E 23°22'26.60"N 69° 8'55.06"E 23°22'6.44"N 69° 8'43.33"E 23°22'15.91"N 69° 8'24.01"E	WR	1x1500 MVA, 765/400 kV (3rd); 5X500 MVA, 400/220 kV (5th, 6th ,7th, 8th & 9th)	2x1500 MVA, 765/400 kV; 4X500 MVA, 400/220 kV									Section - A										2	6		Transformation Capacity at 765/400/220kV Bhuj II GIS S/s is expandable upto 4x1500MVA, 765/400kV ICTs & 9x500MVA, 400/220kV ICTs.
														201	300	Sitac Kabini Renewables Pvt Ltd				207	0						
							207	238.5	Srijan Energy Systems Pvt. Ltd. (148.5) +CGE Reneables Pvt. Ltd. (90)				207	61.5													
							202	300	Adani Green Energy Ltd				202	0													
							204	300	Inox Wind Infrastructure Services Ltd.				204	0													
							202	300	NTPC REL (300)				202	0													
							205	350	NTPC REL (150+200)				205	0													
							211	360	SJVN Green Energy Ltd.				211	0													
							Section - B																				
							8	314	ABREL (RJ) Projects Ltd.				8	0													
							9	362	Aditya Birla Renewables Subsidiary Ltd. (362)				9	0													
							10	350	ACME Cleantech Solutions Pvt. Ltd.				10	0													
							11	150	ACME Cleantech Solutions Pvt. Ltd. (50+100*)				11	150													
12	300	Avaada Energy Pvt. Ltd. (100+200)				12	0																				

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				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)								
10	400/220kV Rajgarh (PG) (existing) S/s#	22.68222222' N, 74.92444444' E	WR	1x500MVA, 400/220 kV (4th) (segregated from existing 220kV bus through bus section)	2x315 MVA, 400/220 kV	1x500MVA, 400/220 kV (3rd) (segregated from existing 220kV bus through bus section)	Section-A														@Injection of power would be on the extended bus through 220kV GIS line bays being terminated into 2x500MVA, 400/220kV ICT. # The applications of M/s AEPL [50MW (Appl. no. 220000079) & 150MW (Appl. No. 220000392)] which have been canceled vide letter dated 15.07.2024. However, as per Order dated 19.07.2024 in W.P.(C) 9818/2024 passed by HIGH COURT OF DELHI AT NEW DELHI, CTU letter dated 15.07.2024 shall be kept in abeyance for 10 days from date of order (i.e. from 19.07.2024). The matter is presently subjudice.			
							209	298.24	Sprng Vayu Vidyut Pvt Ltd.(55.44+50.4+50.4+ 42); Sprng Akshaya Urja Pvt. (100)															
							Section-B (Extended Bus)@																	
							215	226.8	VEH Jayin Renewable Pvt. Ltd. (151.8); VEH Wind Energy Pvt. Ltd. (75)															
							217	366.8	Sprng Vayu Vidyut Pvt. Ltd. (100+100.8+82+16.8); Sprng Akshaya Urja Pvt. Ltd. (67.2)															
							4	200	Avaada Energy Pvt. Ltd. (50 + 150)#															
								1091.84																
11	400/220kV Indore (PG) (existing) S/s	22°54'31.81"N, 75°53'58.87"E	WR		2x1500 MVA, 765/400 kV 3x500 MVA, 400/220 kV	1x1500 MVA, 765/400 kV (3rd) ICT	214	324.4	SBESS Services Projectco Two Pvt. Ltd.	1	600	Renew Urja Sanchar Pvt. Ltd. (300); Renew Samir Urja Pvt. Ltd. (300)	214	0			1	2	Injection of power would be on the extended bus through 220kV Hybrid/MTS line bays. Additional quantum of about 150 can be evacuated in case of injection at 220kV level.					
								324.4			600													
12	Pachora PS#	23.7177N 76.12333E	WR		3x500MVA, 400/220kV	3x500MVA, 400/220kV	Section-A												6	6	Transformation Capacity at 400/220kV Pachora SEZ PP is expandable up to 9x500MVA ICTs . Presently, system has been planned for evacuation of 2.5GW capacity from Rajgarh SEZ			
							201	450	RUMSL (Shajapur SP)				201	150										
							202						202											
							203	550	RUMSL (Agar SP)				203	50										
							204						204											
							205	235	Blue Leaf Energy Renewables Pvt. Ltd.				205	65										
							206	240	VEH Saur Urja Pvt. Ltd.(163.2) + VEH Damen Power Pvt. Ltd. (76.8)				206	60										
							Section-B																	
							224	181	Abenergia Renewables Pvt. Ltd.(100 +81)				224	119										
							214	300	Avaada Energy Pvt. Ltd. (50+250)				214	0										
							215	186	Bhojraj Developers Pvt. Ltd. (186)				215	114										
							218	400	ACME Cleantech Solutions Pvt. Ltd.				218	0										
							11	300	Jade Hybren Pvt. Ltd. (300)															
							12	334	Avaada Energy Pvt. Ltd.															
13	397	Purvah Green Power Pvt. Ltd. (297) + Waft Energy Pvt. Ltd. (100)																						
14	240	Avaada Energy Pvt. Ltd.																						
							3813																	
13	Neemuch PS	25.0251543N, 75.2274338E	WR		2x500MVA, 400/220kV		1	500	RUMSL (Neemuch SP)				1	100				0	0	Transformation Capacity at 400/220kV Neemuch PS is expandable up to 4x500MVA ICTs Presently, system has been planned for evacuation of 1GW capacity from Neemuch SEZ The other two ICTs are under planning.				
							2						2											
							3	300	ACME Cleantech Solutions Pvt. Ltd. (300)					0										
							4	500	Avaada Energy Pvt. Ltd. (500)				4	100										
							5						5											
							6	470	Avaada Energy Pvt. Ltd.															
							7																	
							1770			0														
14	Khandwa S/s (PG) (existing S/s)	21.83240889' N, 76.40401778' E	WR		2x315MVA + 1x500MVA, 400/220kV		214	300	Masaya Solar Energy Pvt. Ltd.				214	0			3	2						
								300			0													
15	Raipur S/s (PG) (Existing S/s)#	21°14' 00"N, 81°29' 00"E	WR		3x315MVA, 400/220kV		213	50	Sherisha Rooftop Solar SPV Four Private Ltd				213	250			0	NIL						
								50			0													
16	Kallam PS#	18°37'21.05"N, 75°52'17.08"E	WR		2x500MVA, 400/220kV + 2x500MVA, 400/220kV		206	300	Renew Solar Power Pvt. Ltd.	421	1010.8	Torrent Solar Power Pvt. Ltd. (66+92+250) Tata Power Renewable Energy Ltd. (101+101+100.8) Serentica Renewables India Pvt. Ltd. (200+100)	206	0		239.2	0	6	# Connectivity quantum for 201 MW granted to M/s Veh Arush Renewables Pvt. Ltd. is under revocation.					
							205	350.3	TEQ Green Power Xi Pvt. Ltd. (200+99+21.6+29.7)				205	0										
							202	150	ReNew Green (MHP One) Pvt. Ltd. (117+33)				202	150										

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				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)				
							655				0				0					
29	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					
30	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	
							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							
31	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							
32	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							
33	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								
34	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						
							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											

\$ 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.

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				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)				
							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							
35	400/230 kV Karur S/s	10°50'34.10"N 77°39'32.91"E	SR	1x500 MVA, 400/230 kV	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	0						
								100	First Energy Pvt. Ltd.											
								150	JSW Neo Energy Ltd *											
							207	198	Tata Power Renewable Energy Ltd.				207	0						
								93.6	Tata Power Renewable Energy Ltd.											
								82.5	Tata Power Renewable Energy Ltd. *											
							1	300	JSP Green Wind 1 Pvt. Ltd.					0						
							1	93	Nannal Solar Park Pvt. Ltd.											
								80	Amplus Sun Beat Pvt. Ltd. *					62						
								65	Amplus Theta Energy Pvt. Ltd. *											
								1582.1					0							
36	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							
37	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			1	6		New Pooling Station under implementation in Koppal area of Karnataka.
								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						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.
							4	300	Torrent Saurya 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						

@ 01 no of 220kV line bay is available for allocation after revocation of in principle grant of connectivity

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				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)			
							8 & 9	300	JSP Green Wind 1 Pvt. Ltd				8 & 9	0					
							0	#270	Clean Renewable Energy Hybrid Two Pvt. Ltd. @				0	0					
							12	300	Gadag Power India Pvt. Ltd.				12	0					
							13	125.4	Torrent Solar Power Pvt Ltd.				13						
							14	232.5	Tata Power Renewable Energy Ltd.				14						
								3904.5					0						
38	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. 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				
39	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	4x1500 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	1 & 2	0	17	4	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 & 4	1250	Adani Renewable Energy Fifty One Ltd.			3 & 4	0			
							2	100	Amp Energy CI Twelve Pvt. Ltd.	5	800	Indosol Solar Pvt. Ltd.	2	0	5	0			
							3	270	Hero Solar Energy Pvt. Ltd.	6	900	Indosol Solar Pvt. Ltd.	3	0	6	0			
							4	300	SAEL Industries Ltd.	7	900	Indosol Solar Pvt. Ltd.	4	0	7	0			
							5	300	SAEL Industries Ltd.	8	900	Indosol Solar Pvt. Ltd.	5	0	8	0			
							6	400	Acme Cleantech Solutions Pvt. Ltd				6	0					
							7	270	Hero Solar Energy Pvt. Ltd.				7	0					
							8	130	Amplus Everest Solar Pvt. Ltd.				8	0					
								130	Amplus Iifa Solar Pvt. Ltd.										
								2250			5350		0		0				
40	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		11	4	New Pooling Station under implementation in Ananthapuram area of AP. # 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 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.										
							5	350	Amplus Cenedus Solar Pvt. Ltd.				5	0					
								1545			2710		0		0				
41	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	SR	1x1500 MVA, 765/400kV & 3x500 MVA, 400/220 kV		3x1500 MVA, 765/400kV & 5x500 MVA, 400/220 kV	1	300	Hero Solar Energy Pvt. Ltd.				1	0			7	10	New Pooling Station under implementation in Bidar area of Karnataka. *Agreed for grant
							2	200	Sprng Powerinfra Pvt. 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)				
		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						100	Sprng Green Energy Pvt. Ltd.*											
							3	250	Hero Solar Energy Pvt. Ltd.				3	50						
							4	250	Welspun Narmada Pvt. Ltd.				4	50						
							5	200	Sprng Vayu Kiran Pvt. Ltd. *				5	0						
								100	Sprng Energy Pvt. Ltd.*											
							6	300	SAEL Industries Ltd.				6							
							7	300	SAEL Industries Ltd.*				7	0						
							8	150	Ampin Energy Utility Pvt. Ltd.*				8	0						
								150	Ampin Energy Utility Pvt. Ltd.											
							9	150	Ampin Energy Utility Pvt. Ltd.*				9	100						
								50	AMP Energy C&I Thirteen Pvt. Ltd.*											
							10	300	Quest Hybren Pvt. Ltd. *				10	0						
							11	300	Pulse Hybren Pvt. Ltd.*				11	0						
								3100					0		200					
42	765/400/220kV Davanagere/Chitradurga PS	Boundary coordinates 14°29'16.98"N, 76°17'13.69"E 14°29'15.30"N, 76°17'44.12"E 14°28'46.88"N, 76°17'44.23"E 14°28'48.84"N, 76°17'14.08"E	SR	4x1500 MVA, 765/400kV & 4x500 MVA, 400/220 kV & 4x500 MVA, 400/220 kV			1	200	Renew Solar Power Pvt. Ltd.				1	100				7	8	New Pooling Station under bidding in Davanagere/Chitradurga area of Karnataka. *Agreed for grant
							2	140	Layer Hybren Pvt. Ltd.				2	0						
								160	Layer Hybren Pvt. Ltd.											
							3	300	Serentica Renewables India Pvt. Ltd				3	0						
							4	300	Furies Solren Pvt. Ltd.				4	0						
							5	300	Illuminate Hybren Pvt. Ltd.				5	0						
							6	290	Chandragiri Wind Park Pvt. Ltd*				6	0						
							7	350	Amplus Cenedus Solar Pvt. Ltd.*				7	0						
							8	300	Jade Hybren Pvt. Ltd.*				8	0						
							9	250	Serentica Renewables India Pvt. Ltd.*				9	50						
							10	325	JSW Neo Energy Ltd. *				10	0						
							11	200	Hexa Climate Solutions Pvt. Ltd.*				11	100						
								3115					250							
43	400/220kV Bellary PS	Boundary coordinates 15° 0'32.49"N, 76°1'56.84"E 15° 0'11.90"N, 76°2'3.08"E 15° 0'8.08"N, 76°1'45.01"E 15° 0'28.75"N, 76°1'38.84"E	SR	4x500 MVA, 400/220 kV			1	76	NTPC Renewable Energy Ltd.				1	224				17	6	New Pooling Station under bidding in Bellary area of Karnataka.
								76					224							
44	400/220kV Bijapur PS	Boundary coordinates 16°45'28.71"N, 76°10'40.82"E 16°45'10.02"N, 76°10'35.08"E 16°45'16.43"N, 76°10'12.87"E 16°45'34.75"N, 76°10'19.29"E	SR	5x500 MVA, 400/220 kV + 4x500 MVA, 400/220 kV			1	300	Apraava Energy Pvt. Ltd.				1	0				11	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						
							6	160	UPC Renewables India Management Pvt. Ltd.				6	140						
							7	200	Tepsol Green Energy Pvt. Ltd.				7	0						
								100	EG Solwin Renewables Pvt. Ltd.											
								1914.4					0		188					
45	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				14	6	New Pooling Station under bidding 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)				
							3	300	SAEL Industries Ltd.*				3	0						
							4	300	Orion Hybren Pvt. Ltd. *				4	0						
								1100					0							
46	765/400/220kV Ananthapuram-II PS		SR	4x1500 MVA, 765/400kV & 4x500 MVA, 400/220 kV & 2x500 MVA, 400/220 kV			1	400	Renew Solar Power Pvt. Ltd.*				1	0			19	12	New Pooling Station under approval in Rayadurgam area of AP. *Agreed for grant	
							2	300	Green Infra wind Energy Pvt. Ltd.*				2	0						
							3	349.8	Purvah Green Power Pvt. Ltd*				3	0						
							4	300	Ganeko Three Energy Pvt. Ltd*				4	0						
							5	339.9	Purvah Green Power Pvt. Ltd*				5	0						
							6	300	Orion Hybren Pvt. Ltd. *				6	0						
							7	500	ACME Solar Holdings Ltd.*				7	100						
								2489.7					0							
47	765/400/220kV Kurnool-IV PS		SR	4x1500 MVA, 765/400kV & 4x500 MVA, 400/220 kV			1	300	SAEL Industries Ltd.*	1 & 2	800	Auro Infra Pvt. Ltd. *	1	0	1 & 2	100	24	6	New Pooling Station under approval in Aspiri area of AP. *Agreed for grant	
							2	300	SAEL Industries Ltd.*	3 & 4	1100	Indosol Solar Pvt. Ltd.*	2	0	3 & 4	0				
							3	400	TATA Power Renewable Energy Ltd. *	5 & 6	1320	Indosol Solar Pvt. Ltd.*	3	0	5 & 6	0				
							4	230	Gentari Renewable India Castor One Pvt. Ltd.*				4	70						
								1230					70							
48	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							
49	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. Additional transmission capacity is planned to meet N-1 requirement.	
							207	300	AVIKIRAN SURYA INDIA PRIVATE LIMITED	418	600	Azure Power India Pvt. Ltd.(300+300)	207	0	418					
							204	335	Tata Power Green Energy Ltd. (225+110)	403	890	Avaada Energy Pvt. Ltd.(350+300+240)	204	0	403					
							203	300	Shikhar Surya (One) Pvt. Ltd. (70+105+125)	406	600	Ayana Renewable Power One Private Limited(300+300)	203	0	406					
								1235					0							
50	400kV Fatehgarh PS (TBCB)	26°51'8.48"N, 71°30'34.29"E	NR							Main: 403, 406 Tie: 402, 405 407	1000	Adani Renewable Energy Park Rajasthan Ltd. ACME Solar Holdings Ltd. (4x300 MW)			Main: 403, 406 Tie: 402, 405 407	0	0	No more evacuation can be accommodated due to system capacity constraints in existing / planned system		
								0					0							
51	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	No additional connectivity can be accommodated (except 50 MW margin) due to technical limitation at Bhadla-II PS. Additional transformation capacity is planned to meet N-1 requirement.		
							203			412	950	Azure Power India Private Limited (500+150) Green Infra Clean Wind Ltd. (300MW)	203		412	50				
							205			415	500	Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Ltd.)	205		415	0				
							206						206							
							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	600	Project Nine Renewable Power Private Limited (450MW)				A202	0						
							A203		Solarcraft Power India 4 Pvt. Ltd. (150MW)				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 Technologica S.A.				A209	0						
								3895			2000		0			50				

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)								
52	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	850	ACME Cleantech Solutions Pvt. Ltd. (600MW+250MW)	211	0	432		0	0	150 MW margin available at 220kV or 400kV. Additional transformation capacity (1x500MVA) is planned to meet N-1 criteria.					
							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	150										
							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			850		150			0			
53	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	750	Azure Power India Pvt. Ltd. (100) ABREL (RJ) Projects Ltd. (260MW) Aditya Birla Renewables Subsidiary Ltd. (390MW)	201	0	449	0	0	0	Margins (50MW) are available on Section-II only as indicated.					
							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	Spring Power Private Limited (300) Spring 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											
												4550			3550		50			0				
							54	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		SIVN 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	Spring 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					
55	400/220kV Fatehgarh-IV PS	26°15'2.58" N, 71°14'7.21" E	NR	4x1500MVA, 765/400kV, 8x500MVA, 400/220kV (Section-II)	5x500MVA, 400/220kV (Section-I)	6x1500 MVA, 765/400kV+5x500 MVA, 400/220kV (Section-II)								203	380	ABC Renewable Energy Pvt. Ltd.				1	0			
							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	Luceo Solar Pvt. Ltd. (200 + 100)				5	0										
							216	300	BN Hybrid Power-1 Pvt. Ltd. (119.2+180.8)				6											
							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	Spring Pavana Urja Private Limited (50+100+150)				5	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)			
							5	410	Green Infra Clean Wind Technology Ltd. (300) Green Infra Clean Solar Farms Pvt. Ltd. (110)				6	0					
							6	350	Juniper Green Stellar Pvt. Ltd. (300MW) Juniper Green Energy Pvt. Ltd (50MW)				7	0					
							7	300	Utkrisht Solar Energy Pvt. Ltd.				8	0					
							8	300	BN Dispatchable-1 Pvt. Ltd.				9	0					
							9	300	Avaada Energy Pvt. Ltd. (50MW + 250MW)				10	0					
							10	300	Gamma Renewables India Project One Pvt. Ltd.				11	0					
								5505						0					
56	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	202	400	Prerak Greentech Solar Private Limited	427	1000	ReNew Solar (Shakti Six) Private Limited (550 + 450)	202	0	427	0			
							204	340	Abu Renewables India Private Limited	2	800	ReNew Solar (Shakti Six) Private Limited (400 + 400)	204	0	2	0			
							206	300	Juniper Green Beta Pvt. Ltd. (150 + 40 + 70 + 40)	3	650	Malur Renewables Private Limited	206	0	3	0			
							208	300	Seven Renewable Power Pvt. Ltd.				208	0					
							212	300	Tepsol Sun Sparkle Pvt. Ltd.				212	0					
							216	300	Bhadla Three SKP Green Ventures Pvt. Ltd.				216	0					
							210	300	Frugal Energy Pvt Ltd (50+250)				210	0					
							1	300	Juniper Green India Six Private Limited				1	0					
							2	300	Serentica Renewables India Private Limited				2	0					
							3	160	Solarcraft Power India 4 Pvt. Ltd. (110 + 50)				3	50					
							4	300	Green Infra Clean Energy Generation Ltd.				4	0					
							5	400	Prerak Solar Urja Pvt. Ltd.				5	0					
							6	300	Avaada Energy Pvt. Ltd.										
								4000						50		0			
57	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	2x1500MVA, 765/400kV 2x500MVA, 400/220kV		2x1500MVA, 765/400kV	1	300	Pravat Renewables India Pvt. Ltd.	1	650	Adani Renewable Energy Holding Four Ltd. (500)	1	0	1	250			
							2	300	Juniper Green energy pvt. Ltd. (150MW + 150MW)			Adani Solar Energy AP Three Ltd. (150)	2	0					
								600						0		250			
58	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			No margin available as other applications granted Connectivity at Bikaner-III PS
							2	267	Proteus Energy Private Limited (217) Sunsure 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) Sunsure 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						0		0			
59	765/400/220kV Bikaner-IV PS	Boundar coordinates (as per MOM dtd 16/05/24)* Corner 1: 28° 26' 26.00" N 73° 14' 12.92" E Corner 2: 28° 26' 43.82" N 73° 14' 36.26" E Corner 3: 28° 26' 59.50" N 73° 14' 18.44" E Corner 4: 28° 26' 43.50" N 73° 13' 52.95" E	NR	6x1500MVA, 765/400kV 6x500MVA, 400/220kV			1	300	Solarcraft Power India 17 Pvt. Ltd.	1	950	Avaada RJBikaner Private Limited (50+600) Avaada Energy Private Limited (300)	1		1	0			Bikaner-IV PS Tr. Scheme is under bidding
							2	300	Sunsure Solar Park Fourteen Pvt. Ltd.	2	800	NTPC Renewable Energy Ltd. (150+250+400)	2						
							3	300	AM Green Energy Private Limited	3	1100	NTPC Renewable Energy Ltd. (700MW + 400MW)	3						
							4	300	Hazel Hybren Private Limited				4						
							5	300	Iraax International (Op) Pvt. Ltd.										
							6	300	Clean Max Gamma Pvt. Ltd.										
							7	250	Shudh Solar Power Private Limited										
							8	300	Furies Solren Private Limited										
							9	500	SJVN Green Energy Ltd.										
							10												
							11	300	Furies Solren Pvt. Ltd.										
								3150						0		0			
60	765/400/220kV Barmer-I PS	Boundary Coordinates* 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		1						Barmer-I PS & its interconnections are yet to be awarded.
							2	300	Teq Green Power XV Pvt. Ltd.	2	0		2						
							3	300	Juniper Green Energy Pvt. Ltd.	3	0		3						
							4	300	Eden Renewable Cadet Pvt. Ltd.	4	0		4						
							5	300	Enren-I Energy Pvt. Ltd.	5	0		5						
							6	300	Anboto Solar Private Limited (250MW + 50MW)	6			6						
							7	300	Auxo Sunlight Private Limited	7			7						
							8	300	Enfinity Global Surya Kiran Pvt. Ltd.	8			8						
							9	300	ReNew Sun Power Private Limited	9			9						
							10	600	Green Infra Renewable Projects Pvt. Ltd.	10			10						
							11	250	Hinduja Renewables Energy Pvt. Ltd.				11	50					
							12	300	EG Mega Urja Pvt. Ltd.				12						
								3950						50		0			Tr. System under planning.
61	765/400/220kV Bhadla-IV PS	Location yet to be identified	NR	Under Planning			1						1	0		0			
								0											
62	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, 3x500MVA, 400/220kV			1	300	CESC Ltd.				1	0					
							2	400	ReNew Solar Power Pvt. Ltd.				2	0					
								700						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)				
63	765/400/220kV Merta-II PS	Boundary Coordinates* Point1:- 26° 49' 24.02"N, 74° 02' 15.46" E Point2:- 26° 49' 28.49" N, 74° 02' 46.96" E Point3:- 26° 49' 09.18"N, 74° 02' 57.17" E Point4:- 26° 48' 58.96" N 74° 02' 27.30" E	NR	2x1500MVA, 765/400kV 5x500MVA, 400/220kV																
							0			0										
64	Barmer-II PS	Location yet to be identified	NR	Under Planning			1	130	Green Infra Clean Solar Ltd (130)					170						Tr. Ssystem under planning.
								2	400	Sprng Renewable Resources (200) Sprng Urja Private Limited (200)										
							530			0				170						

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.