

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)				
7	Khavda PS-III	Boundary Coordinates: 24°12'26.58"N, 69°29'41.53"E; 24°12'26.50"N, 69°30'04.57"E; 24°12'13.57"N, 69°29'41.48"E; 24°12'13.50"N, 69°30'04.52"E;	WR	3x1500MVA, 765/400kV (Sec-8)		4x1500MVA, 765/400kV (Sec-A)	Section-A													Transformation Capacity at 765/400kV Khavda PS-III is expandable up to 8x1500MVA ICTs.
							1	1050	Adani Green Energy Ltd. (1050)				1							
							2	1200	NTPC Renewable Energy Ltd. (NTPC REL) (1200)				2							
							3	1250	Sarjan Realities Pvt. Ltd.				3							
							4	1100	Sarjan Realities Pvt. Ltd.				4							
							Section-B													
							5	1250	Sarjan Realities Pvt. Ltd.				5							
							6	600	NHPC Ltd.				6							
							6450													
8	Banaskantha (Radhanesda) PS [GIS] (Vav)	Boundary Coordinates: 24°20'33.9"N 71°29'08.3"E 24°20'40.4"N 71°29'13.5"E 24°20'35.5"N 71°29'20.6"E 24°20'29.0"N 71°29'15.3"E	WR	1x500 MVA, 400/220 KV	2x500 MVA, 400/220 KV		1	700	Radhanesda UMSP (GPCL)								3			
							2													
							4	250	Sprng Power Earth Pvt. Ltd.											
							5	300	Sprng Energy Pvt. Ltd. (100+150); Sprng Vayu Vidyut Pvt. Ltd. (50)											
							1250													
9	Raghanesda		WR	3x1500 MVA, 765/400 KV			1					600	Sprng Wind Energy Pvt. Ltd. (200); Sprng Ojas Pvt. Ltd. (200); Sprng Vayu Kiran Pvt. Ltd. (200)						Raghanesda PS is under approval stage.	
							0						600							
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.	
							209	298.24	Sprng Vayu Vidyut Pvt Ltd.(55.44+50.4+50.4+ 42); Sprng Akshaya Urja Pvt. (100)											
							Section-B (Extended Bus)@													
							2	226.8	VEH Jayin Renewable Pvt. Ltd. (151.8); VEH Wind Energy Pvt. Ltd. (75)											
							3	350	Sprng Vayu Vidyut Pvt. Ltd. (100+100.8+82); Sprng Akshaya Urja Pvt. Ltd. (67.2)											
							4	200	Avaada Energy Pvt. Ltd. (50 + 150)											
							1075.04													
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	1	550	RUMSL (Agar SP)				1	50			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	
							2						2							
							3	450	RUMSL (Shajapur SP)				3	150						
							4						4							
							5	235	Blue Leaf Energy Renewables Pvt. Ltd.				5	65						
							6	240	VEH Saur Urja Pvt. Ltd.(163.2) + VEH Damen Power Pvt. Ltd. (76.8)				6	60						
							7	181	Abenergia Renewables Pvt. Ltd.(100 +81)				7	119						
							8	300	Avaada Energy Pvt. Ltd. (50+250)				8	0						
							9	186	Bhojraj Developers Pvt. Ltd. (186)				9	114						
							10	400	ACME Cleantech Solutions Pvt. Ltd.				10	0						
							11	300	Jade Hybren Pvt. Ltd. (JHPL)											
							12	300	Illuminate Hybren Pvt. Ltd. (IHPL)											
							3142													
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	
							2						2							
							3	300	ACME Cleantech Solutions Pvt. Ltd. (300)					0					Presently, system has been planned for evacuation of 1GW capacity from Neemuch SEZ The other two ICTs are under planning.	
							4	500	Avaada Energy Pvt. Ltd. (500)				4	100						
							5						5							
							1300						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)			
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			9	8	Presently, system has been planned for evacuation of 2GW capacity from Dhule PS Transformation Capacity at 400/220kV Dhule PS is expandable upto 10x500MVA, 400/220kV ICTs.
							2						2	300					
							3						3	300					
							4						4	300					
							5						5	300					
							6						6	300					
							7						7	300					
								50						0					
23	Mandsaur PS	Tentative: 24° 12' 46.53" N; 75°10' 44.04" E	WR	3x1500MVA, 765/400kV; 5x500MVA, 400/220kV			Section-A										11	12	System has been planned for evacuation of 2GW capacity from Mandsaur PS. Expected SPV Transfer Date: May'24 Transformation Capacity at 765/400/220kV Mandsaur PS is expandable upto 6x1500MVA, 765/400kV ICTs & 10x500MVA, 400/220kV ICTs.
							1	300	Juniper Green Energy Pvt. Ltd.	1	1512	Greenko MP01 IREP Pvt. Ltd.		0					
							2	200	Asnen Solar Pvt. Ltd. (200)	2				100					
							3	300	Ganeko One Energy Pvt. Ltd. (300)	3				0					
							4			4				300					
							Section-B												
							5			5				300					
							6			6				300					
							7			7				300					
								800						1512					
24	Ishanagar S/s	Tentative: 24° 51' 49.18" N 79° 21' 47.30" E 24° 51' 58.69" N 79° 22' 14.95" E 24° 51' 42.61" N 79° 22' 25.84" E 24° 51' 32.58" N 79° 21' 57.47" E	WR			2x1500MVA, 765/400kV & 2x500MVA, 400/220kV											12	10	Under implementation by Ishanagar Power Transmission Ltd. (a consortium of M/s IndiGrid 1 Ltd. & IndiGrid 1 Ltd.) as WRES-XXXIII: Part-C SCOD: 09.02.2026 Transformation Capacity at 765/400/220kV Ishanagar S/s is expandable upto 6x1500MVA, 765/400kV ICTs & 9x500MVA, 400/220kV ICTs.
								0						0					
25	Jamnagar (GIS) PS	Tentative: 22°17'18.42"N 70° 0'57.17"E 22°17'4.36"N 70° 0'45.01"E 22°16'53.69"N 70° 1'4.96"E 22°17'5.91"N 70° 1'16.39"E	WR	2x1500MVA, 765/400kV			1				600	ACME Cleantech Solutions Pvt. Ltd. (550+50)*					11	8	Under Bidding by PFCL as "Network Expansion scheme in Gujarat for drawl of about 3.5GW load under Phase-1 in Jamnagar area" scheme. Expected SPV transfer date: Jun'24 Transformation Capacity at 765/400kV Jamnagar (GIS) PS is expandable upto 6x1500MVA, 765/400kV ICTs & 9x500MVA, 400/220kV ICTs.
							2												
							3												
								0						600					
26	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	0					
								150	GRT Jewellers (India) Pvt Ltd										
							211	230	NTPC				211	70					
							215	540	JSW Renew Energy Limited				215	60					
							216						216						
							210	300	JSW Future Energy Ltd				210	0					
								2320.1						379.9		0			
27	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					

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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)				
28	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							
29	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						
30	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	Iron Renewable Power Ltd				222							
							223						223							
							13	200	TEQ Green Power XVIII Pvt. Ltd.				13							
								3350						0						
31	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						
32	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		

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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)					
33	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. \$ 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.		
							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												
								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												
34	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			4		*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	93	Nannai Solar Park Pvt. Ltd..					207							
							1	80	Amplus Sun Beat Pvt. Ltd. *					155							
								65	Amplus Theta Energy Pvt. Ltd. *												
							1349.6		0			442									
35	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. *Agreed for grant \$ 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.		
								140	Halvad Renewables Pvt. Ltd.*												
							204	300	Renew Solar Power Pvt. Ltd.				204	0							
								170	Azure Power India Private Ltd (120 + 50)						201	0					
							201	130	Halvad Renewables Pvt. Ltd.*				202	0							
								300	Green Infra Wind Energy Ltd (GIWEL) (180 + 120 + 50)												
							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									

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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)				
36	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. 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. Koppal-II PS has been closed for all purpose regarding grant of Connectivity and addition of RE generation capacity. *Agreed for grant @ 01 no of 220kV line bay is available for allocation after revocation of in principle grant of connectivity	
								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 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													
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		0									
37	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							

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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)			
38	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
								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					
39	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. *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 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 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.				1	0		11	10	New Pooling Station under implementation in Bidar area of Karnataka. *Agreed for grant	
							2	200	Sprng Powerinfra Pvt. Ltd.				2	100					
							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	100					
							6	300	SAEL Industries Ltd.*				6	0					
							7	150	Ampin Energy Utility Pvt. Ltd.*				7	150					
							1650			0		450							
41	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			1	200	Renew Solar Power Pvt. Ltd.				1	100		11	8	New Pooling Station under bidding in Davanagere/Chitradurga area of Karnataka. *Agreed for grant	
							2	140	Layer Hybren Pvt. Ltd.				2	160					
							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	160	Layer Hybren Pvt. Ltd.*				6	140					
							1400					400							
42	400/220kV Bellary PS		SR	4x500 MVA, 400/220 kV											18	6	New Pooling Station under bidding in Bellary area of Karnataka.		

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	400/220kV Bijapur PS		SR	5x500 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	0													
							100	EG Solwin Renewables Pvt. Ltd.*												
							1914.4			0			188							
44	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 bidding in Tumkur area of Karnataka. * Agreed for grant	
								150	Ayana Renewable Power Pvt. Ltd *											
							2	300	Karnataka Solar Power Development Corporation Ltd.				2	0						
							2114.4			0			288							
45	765/400/220kV Kurnool-IV PS								1 & 2	800	Auro Infra Pvt. Ltd. *			1 & 2	100	18	5	New Pooling Station under approval in Kurnool area of AP. *Agreed for grant		
							0			800			0	100						
46	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
47	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				2940		0	50							
48	400kV Fatehgarh PS (TBCB) #	26°51'8.48"N, 71°30'34.29"E	NR							Main: 403, 406 Tie: 402, 405	1000			Main: 403, 406 Tie: 402, 405	0	0	0	No more evacuation can be accommodated due to system capacity constraints in existing / planned system		
											407	1200	ACME Solar Holdings Ltd. (4 applications each 300)				407		0	
						0				2200			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)									
49	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		**Meeting for reallocation of connectivity was held on 12.06.2024 as per Hon'ble APTEL order dated 28.05.2024. During the meeting, Solarcraft opted to reallocate its 150MW connectivity from Bhadla-III PS to Bhadla-II PS in sharing with Project Nine. However, no eligible developer opted to reallocate its connectivity at 400kV. It is also to mention that CTU is already in receipt of about 4GW applications in Bhadla Complex to whom this capacity shall be offered based on their application priority No additional connectivity can be accommodated due to technical limitation at Bhadla-II PS. Additional transformation capacity is planned to meet N-1 requirement.						
							203			412			650		Azure Power India Private Limited (500+150)					203	412	350**			
							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) Solarcraft Power India 4 Pvt. Ltd. (150MW**)	A202	0	A202	0												
							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		1700		0		350												
50	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. *In reallocation meeting held on 19.01.2024, 1000MW capacity was offered to all eligible developers, however, no one opted for same. It is also to mention that CTU is already in receipt of about 8GW applications in Fatehgarh-Barmer Complex to whom this capacity shall be offered based on their application priority.						
							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	A220	0												
							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	A209	0												
							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												
51	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)	1X500MVA, 400/220kV (Section-I)	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. *Meeting for reallocation of connectivity was held on 12.06.2024 as per Hon'ble APTEL order dated 28.05.2024. During the meeting, ABREL & Aditya Birla opted to reallocate its 260MW & 390MW (Lead) connectivity from Fatehgarh-IV PS (Sec-II) to Fatehgarh-III PS (Section-II) in sharing with M/s Azure.						
							202			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																			
							4550		3550		50		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)									
52	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	2	0	CTUIL has filed review petition before Hon'ble Commission to review its order in Petition No. 114/MP/2023. 675MW capacity shall be reserved till outcome of the same.						
							203	300	ReNew Dinkar Urja Pvt. Ltd. (200)				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									
53	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)	203	380	ABC Renewable Energy Pvt. Ltd.				1	0					Fatehgarh-IV PS (Section-II) is yet to be awarded. **Meeting for reallocation of connectivity was held on 12.06.2024 as Hon'ble APTEL order dated 28.05.2024. During the meeting, ABREL & Aditya Birla opted to reallocate its 260MW & 390MW connectivity from Fatehgarh-IV PS (Sec-II) to Fatehgarh-III (Sec-II). Thus, vacated capacity (F-IV-Sec-II) was offered to eligible developers wherein Avaada Energy & Gamma Renewables opted to reallocate its connectivity from Barmer-I PS. After above reallocation, 50MW capacity remained vacant which can be accommodated at any 220kV bay except in bay of M/s Green Infra (410 MW). It is also to mention that CTU is already in receipt of about 8GW applications in Fatehgarh-Barmer Complex to whom this capacity shall be offered based on their application priority							
						212	300	AMP Energy Green Pvt. Ltd. (130 + 120+50)				2	0												
						205	380	ABC RJ Land O1 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	50												
						1	300	Radiant Star Solar Park Pvt. Ltd. (200 + 100)	2	900	NTPC Renewable Energy Ltd.	2													
						2	300	Helia Energy park (200 + 100)				3													
						3	300	Tepsol Saur Urja Pvt. Ltd.				4													
						4	300	Sprng Pavana Urja Private Limited (50+100+150)				5													
						5	410	Green Infra Clean Wind Technology Ltd. (300) Green Infra Clean Solar Farms Pvt. Ltd. (110)				6													
						6	300	Juniper Green Stellar Pvt. Ltd.				7													
7	300	Utkrisht Solar Energy Pvt. Ltd.				8																			
8	300	BN Dispatchable-1 Pvt. Ltd.				9																			
9	300	Avaada Energy Pvt. Ltd. (50MW + 250MW)*				10																			
10	300	Gamma Renewables India Project One Pvt. Ltd.*				11																			
						5455			1500			50	0												
54	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	1		*Meeting for reallocation of connectivity was held on 12.06.2024 as per Hon'ble APTEL order dated 28.05.2024. During the meeting, Solarcraft opted to reallocate its 150MW connectivity from Bhadla-III to Bhadla-II. Thus, vacated capacity i.e. 150MW and earlier available margin i.e. 600MW was offered to eligible developers wherein Prerak Solar opted to reallocate its 400MW connectivity from Bhadla-IV to Bhadla-III. After above reallocation, 350MW capacity at 220kV remains vacant (150MW in sharing with Solarcraft & 200MW on 220kV bay). It is also to inform that CTU is already in receipt of about 4GW applications in Bhadla Complex to whom this capacity shall be offered as per their application priority.							
						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	260	Solarcraft Power India 4 Pvt. Ltd. (110 + 50)*				3	150												
						4	300	Green Infra Clean Energy Generation Ltd.				4	0												
						5	400	Prerak Solar Urja Pvt. Ltd.*				5	0												
												3650			2450					150	0				
						55	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
2												2													
3																									
4																									
						0			650		150	0													
56	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								
					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			2400		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)				
57	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	7		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	700	NTPC Renewable Energy Ltd.	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											
							2350				2450	0		0						
58	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			5		Barmer-I PS & its interconnections are yet to be awarded *Meeting for reallocation of connectivity was held on 12.06.2024 as per Hon'ble APTEL order dated 28.05.2024. During the meeting, Avaada Energy & Gamma Renewable opted to reallocate their connectivity of 300MW each from Barmer-I to Fatehgarh-IV PS (Sec-II). Thus, leaving 600MW capacity for allocation. It is also to inform taht CTU is already in receipt of about 8GW aplications in Fatehgarh-Barmer Complex to whom this capacity shall be offered based on thier application priority.		
							2	300	Teq Green Power XV Pvt. Ltd.	2	0		2							
							3	0	Avaada Energy Private Limited (50+250)*	3	0		3	300						
							4	300	Eden Renewable Cadet Pvt. Ltd.	4	0		4							
							5	300	Enren-I Energy Pvt. Ltd.	5	0		5							
							6	250	Anboto Solar Private Limited	6			6	50						
							7	300	Auxo Sunlight Private Limited	7			7							
							8	0	Gamma Renewables India Project One Ltd.*	8			8	300						
							9	300	Juniper Green Energy Private Limited	9			9							
							10	300	ReNew Sun Power Private Limited	10			10							
							2450				0	650								
59	765/400/220kV Bhadla-IV PS	Location yet to be identified	NR	Under Planning			1	0	Prerak Solar Urja Pvt. Ltd.*			1	400					Tr. System under planning. *Meeting for reallocation of connectivity was held on 12.06.2024 as per Hon'ble APTEL order dated 28.05.2024. During the meeting, Prerak Solar opted to reallocateits 400MW connectivity from Bhadla-IV to Bhadla-III.		
60	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				0										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		
61	765/400/220kV Merta-II PS	Location yet to be identified	NR	2x1500MVA, 765/400kV 2x500MVA, 400/220kV				0										Merta-II PS is approved recently as part of Raj. SEZ Ph-IV Part-IV.		

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.