

Status of allocation of bay(s) at the existing or the proposed RE ISTS sub-stations for Connectivity Grantee

{As on 30.11.2023}

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)			
1	400/220kV Jam Khambhaliya (GIS) PS #	22°08'41"N 69°40'38"E	WR	400/220kV, 2x500MVA (5th & 6th)	400/220kV, 4x500MVA,		201	250.71	CLP India Pvt. Ltd.	407	0	Vacant	201	49.29	407	0	3	6	Transformation Capacity at 400/220kV Jam Khambhaliya (GIS) PS is expandable up to 8x500MVA ICTS . 2x500MVA ICTs are planned for State Drawal and 6x500MVA ICTs for RE Injection upto 2500MW. * Agreed for Grant.
							202	300	Juniper Green Energy Pvt. Ltd. (200MW+100MW)	2			202	0	2				
							203	103.6	Powerica Ltd. (50.6MW+53MW)	3			203	196.4	3				
							206	290	Torrent Power Ltd. (115MW) Airpower Windfarms Pvt. Ltd. (175MW)	4			206	10	4				
							5	50	Avaada Energy Pvt. Ltd.	5			5	250	5				
							6	500	NTPC Renewable Energy Ltd.	6			6	100	6				
							7			7			7		7				
							8	400	ACME Sun Power Pvt. Ltd.				8	0					
							9	250	Mounting Renewable Power Ltd.				9	50					
													10	100	Juniper Green Energy Pvt. Ltd.				
							2244.31			0			855.69		0				
2	765/400/220kV Bhuj PS#	23.45583333° N, 69.56235833° E	WR	1x500MVA, 400/220kV (9th)	4x1500MVA, 765/400kV; 8x500MVA, 400/220kV		205	776	Inox Green Energy Services Ltd. (300MW) ; Wind One Renergy Ltd (50MW); Wind Two Renergy Ltd (50MW); Wind Three Renergy Ltd (50MW); Wind Five Renergy Ltd (50MW); Continuum Power Trading (TN) Ltd (126MW); NTPC Renewable Energy Ltd. (150MW)				205	0			3	6	Transformation Capacity at 400/220kV Bhuj PS are expandable up to 9x500MVA ICTS . *Agreed for grant
							208					208							
							206	305	Ayana Renewable Power Four Pvt. Ltd. (100MW); NTPC Renewable Energy Ltd. (155MW); Seven Renewable Power Private Limited (50MW*)				206	-5					
							207	150	Ayana Renewable Power Four Pvt. Ltd.										
							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. (175MW); Adani Wind Energy Kutchh Three Ltd. (250MW); Adani Wind Energy Kutchh Five Ltd. (130MW);				219	170					
							220					220							
							230	300	Alfanar Energy Pvt Ltd				230	0					
							231	300	Netra Wind Pvt Ltd				231	0					
							230	285	Avikiran Solar India Pvt. Ltd.				230	15					
							234	300	Renew Wind Energy (AP2) Pvt. Ltd				234	0					
														3521.0					
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); 3x500 MVA, 400/220 KV (5th, 6th & 7th)	2x1500 MVA, 765/400 kV; 4x500 MVA, 400/220 KV		210	300	Sitac Kabini Renewables Pvt Ltd				210	0			6	6	Transformation Capacity at 765/400/220kV Bhuj II GIS S/s is expandable upto 4x1500MVA, 765/400kV ICTS & 9x500MVA, 400/220kV ICTS. *Agreed for grant
							207	148.5	Srijan Energy Systems Pvt. Ltd.				207	151.5					
							201	300	Adani Green Energy Ltd				201	0					
							204	300	Inox Wind Infrastructure Services Ltd.				204	0					
							5	300	NTPC REL (300MW)				5	0					
							6	350	NTPC REL (150MW+200MW)				6	0					
							7	360	SJVN Green Energy Ltd.				7	0					
							8	314	ABREL (RJ) Projects Ltd.*				8	0					
							9	362	Aditya Birla Renewables Subsidiary Ltd. (362MW)*				9						
							2734.5					151.5							

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)					
9	400/220kV Rajgarh (PG) (existing) S/s#	22.68222222° N, 74.92444444° E	WR	2x500MVA, 400/220 kV (3rd & 4th) (segregated from existing 220kV bus through bus section)	2x315 MVA, 400/220 KV	Section-A														@Injection of power would be on the extended bus through 220kV GIS line bays being terminated into under construction 3rd 500MVA, 400/220kV ICT. *Agreed for grant	
						209	299.04	Spring Vayu Vidyut Pvt Ltd.(55.44MW+50.4MW+50.4MW+42MW+100.8MW)													
						Section-B (Extended Bus)@															
						2	265.2	VEH Jayin Renewable Pvt. Ltd. (151.8MW+38.4MW); VEH Wind Energy Pvt. Ltd. (75MW)													
						3	349.2	Spring Vayu Vidyut Pvt. Ltd. (100MW+82MW*); Spring Akshaya Urja Pvt. Ltd.(100MW) Spring Akshaya Urja Pvt. Ltd. (67.2MW)*													
						4	50	Avaada Energy Pvt. Ltd.*													
							1138.44						0								
10	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		214	324.4	SBESS Services Projectco Two Pvt. Ltd.	1	600	Renew Urja Sanchar Pvt. Ltd. (300MW) + Renew Samir Urja Private Limited (300MW)*	214	NIL			1	2	Injection of power would be on the extended bus through 220kV Hybrid/MTS line bays. Additional quantum of about 150 MW can be evacuated in case of injection at 220kV level. *Agreed for grant		
								324.4			600										
11	Pachora PS#	23.7177N 76.12333E	WR	3x500MVA, 400/220kV	3x500MVA, 400/220kV	1	550	RUMSL (Agar SP)				1	50					7	6	Presently, Pachora PS is under construction stage. 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 * Agreed for grant.	
						2				2											
						3	450	RUMSL (Shajapur SP)			3	150									
						4				4											
						5	235	Blue Leaf Energy Renewables Pvt. Ltd.			5	65									
						6	163.2	VEH Saur Urja Pvt. Ltd.(163.2 MW)			6	136.8									
						7	181	Abenergia Renewables Pvt. Ltd.(100MW +81MW*)			7	119									
						8	300	Avaada Energy Pvt. Ltd. (50MW+250MW)			8										
						1879.2						520.8									
12	Neemuch PS	25.0251543N, 75.2274338E	WR		2x500MVA, 400/220kV	1	500	RUMSL (Neemuch SP)				1	100	0			5	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		
						2				2											
							500			0			100								
13	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								
14	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						250								
15	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.	1	759	Torrent Solar Power Pvt. Ltd. (66+92+250*) Avaada Energy Pvt. Ltd. (50MW)* Tata Power Renewable Energy Ltd. (101MW)* Serentica Renewables India Pvt. Ltd. (200MW+100MW*)	206	0		491		0	6	*Agreed for grant		
						205	350.3	TEQ Green Power XI Pvt. Ltd. (200MW+99MW+21.6MW+29.7MW*)				205	0								
						202	150	ReNew Green (MHP One) Pvt. Ltd. (117MW+33MW)				202	0								
						201	300	Anupavan Renewables Pvt. Ltd. (150MW); Viento Renewables Pvt. Ltd. (150MW)				201	0								
						210	201	Veh Aarush Renewables Pvt. Ltd.				210	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)			
							213	300	JSW Neo Energy Ltd. (JSW NEL)				213	0					
							212	350	Serentica Renewables India 4 Pvt. Ltd. (210MW+140MW)				212	0					
								1951.3						0					
16	Parli (PG) S/s (existing)	76.42818611E,18.74140278N	WR		2x500MVA, 400/220kV		211	300	Renew Tej Shakti Pvt. Ltd. (RTSPL) (180MW+69MW+51MW)				211	0					
								300						0					
17	Parli (New)	76°21'31.75"E, 18°36'29.92"N	WR		2x1500 MVA, 765/400 kV;					1	300	Renew Pawan Shakti Pvt. Ltd. (277MW+23MW)			1	400			Margin is based on total available capacity at 400kV level of Parli (New) S/s as 700MW. * Agreed for grant.
								0			300			0		400			
18	765/400/220kV Solapur (PG) (existing S/s)#	17° 36' 31.21" N, 76°2' 59.98"E	WR		2x1500 MVA, 765/400 kV; 2X315 MVA, 400/220 kV; 1X500 MVA 400/220 KV			0		433	1000	Renew Green Energy Solutions Pvt. Ltd. (100MW+32MW+76MW+50MW+100MW+70MW+48MW+73MW+51MW); Serentica Renewables India Pvt. Ltd.(300MW+100MW*)			433	1000			Margin is based on total available capacity at 400kV level of Solapur (PG) S/s as 2000MW. * Agreed for grant.
								0			1000			0		1000			
19	Solapur PS		WR	4X500 MVA 400/220 KV			1	310	Juniper Green Ray Two Pvt. Ltd. (80MW+100MW+80MW+50MW)				1	0				Presently, system has been planned for evacuation of 1.5GW capacity from Solapur PS * Agreed for Grant	
							2	200	JSW Renew Energy Three Ltd. (200MW)				2	100					
							3	50	Avaada Energy Pvt. Ltd.				3	250					
							4	190	Green Prairie Energy Pvt. Ltd.				4	110					
							5	102.8	Solarcraft Power India 7 Pvt. Ltd.(50MW+52.8MW*)				5	197.2					
								852.8						657.2					
20	Lakadia S/s	23°23'38.38"N, 70°35'51.81"E	WR	4x500MVA, 400/220kV	2x1500MVA, 765/400kV		1	250	Avaada Inclean Pvt. Ltd. (50MW+200MW)				1	50				1x500MVA ICT has been planned in 21st CMETS-WR meeting held in Aug-21 to enable injection of power from RE applicants. * Agreed for Grant	
							2	300	Avaada Energy Pvt. Ltd.				2	0					
							3	300	TEQ Green Power XVII Private Limited *										
							4	350	ArcelorMittal Nippon Steel India Limited *										
							5	200	Renew Solar (Shakti Eight) Private Limited *										
								1400						50					
21	Dhule PS		WR	4x500MVA, 400/220kV			1	50	Avaada Energy Pvt. Ltd.				1	250				Presently, system has been planned for evacuation of 2GW capacity from Dhule PS * Agreed for Grant	
								50						250					
22	400/230 kV Tuticorin-II S/s	9°3'02.1" N 77°55'31.6"E	SR		3x500 MVA, 400/230 KV	2x500MVA, 400/230kV	222	250	Mytrah Energy (India) Private Limited				222	50			0	2	No 230kV line bay is available for allocation for grant of Connectivity. However, margins available in the already allocated line bays may be utilized for grant of Connectivity.
							223						223						
							205	249.9	Green Infra Renewable Energy Limited				205	50.1					
							221	200	Orange Sironj Wind Power Pvt. Ltd.				221	100					
							220	250.2	Betam Wind Energy Private Limited				220	49.8					
							207	150	GRT Jewellers (India) Pvt Ltd				207	150					
							211	230	NTPC				211	70					
							215	540	JSW Renew Energy Limited				215	60					
							216						216						
							210	300	JSW Future Energy Ltd				210	0					
								2170.1			0			529.9		0			

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV	
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
23	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			1	0	
								52.8	Sprng Akshaya Urja Pvt. Ltd.										
								352.8					0	0					
24	400/220 kV Palakkad S/s	10°46'22"N 76°45'36"E	SR		2x315 MVA, 400/220 kV	1x500 MVA, 400/220 kV											1	0	
								0					0	0					
25	400/220 kV NP Kunta S/s	14° 2'53.18"N, 78°25'43.01"E	SR		4x500 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	200					
								1600					0	200					
26	400/220 kV Pavagada S/s	14.318579N 77.385479E	SR		5x500 MVA, 400/220 kV	1x500 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						*Agreed for grant
							3						3						
							4						4						
							5						5						
							6						6						
							7						7						
							8						8						
							218	300	Project Ten Renewable Power Private Limited				218						
							221	200	Solar Energy Corporation of India Ltd				221						
								100	Solar Energy Corporation of India Ltd.										
							222	500	Ircon Renewable Power Ltd				222						
							223						223						
							13	200	TEQ Green Power XVIII Pvt. Ltd.*				13						
								3350					0	0					
27	400/220 kV Hiriyur S/s	13°57'12.33"N 76°32'11.40"E	SR		2x315 MVA, 400/220 kV	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						
28	765/400 kV Kurnool(new) S/s	15°40'28.6" N 78°10'35.23" E	SR		2x1500 MVA, 765/400 kV							409	900			409	0	NA	1
												412	565			412	75		
													260						
												418	989			418	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)						
							8	288	Tata Power Renewable Energy Ltd.				8	12								
							9 & 10	400	JSP Green Wind 1 Pvt. Ltd.				9 & 10	200								
							11	50	Avaada Energy Pvt. Ltd.*				11	0								
								250	Avaada Energy Pvt. Ltd.*													
								2997.6						288.4								
33	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	4x500 MVA, 400/220 kV + 3x500 MVA, 400/220kV			1	200	TP Saurya Ltd.	1 & 2	640	Greenko KA01 IREP Pvt. Ltd.	1	100	1 & 2	0	3	3	New Pooling Station under bidding and implementation is yet to start. *Agreed for grant			
							2	160	Halvad Renewables Pvt. Ltd.		260	Greenko KA01 IREP Pvt. Ltd.	2	57.2								
								82.8	Azure Power India Pvt Ltd.*													
							3	300	Green Infra Wind Energy Ltd.				3	0								
							4	170	Tata Power Renewable Energy Ltd				4	0								
								170	Tata Power Renewable Energy Ltd.													
							5	207	SolarXL Beta Energy Pvt. Ltd.				5	93								
							6	250	Project Nine Renewable Power Pvt. Ltd.				6	0								
								50	Avaada Energy Pvt. Ltd. *													
							7	50	Serentica Renewables india Pvt. Ltd.				7	0								
								50	Serentica Renewables india Pvt. Ltd.													
								50	Serentica Renewables india Pvt. Ltd.													
								50	Serentica Renewables india Pvt. Ltd.													
							8	184	ABREL (RJ) Projects Ltd.				8	14								
								102	Aditya Birla Renewables Subsidiary Ltd.													
							9	300	Renew Vayu Energy Pvt. Ltd.*				9	0								
							10 & 11	400	Tata Power Renewable Energy Ltd. *				10 & 11	200								
								2925.8						464.2								
34	765/400/220kV Kurnool-III PS	Boundary coordinates 15°01'47.416"N , 78°08'21.156" E 15°01'42.549"N , 78°09'03.340" E 15°01'08.814"N , 78°08'59.204" E 15°01'13.713"N , 78°08'17.023" E	SR			3x1500 MVA, 765/400kV & 9x500 MVA, 400/220 kV	1	150	AMP Green Energy Pvt. Ltd.	1 & 2	600	Adani Renewable Energy Forty Two Ltd.*	1	0		300	19	4	New Pooling Station under implementation in Kurnool area of AP. *Agreed for grant			
								200	AMP Energy Green Pvt. Ltd.													
							2	100	Amp Energy CI Twelve Pvt. Ltd.				2	200								
							3	270	Hero Solar Energy Pvt. Ltd.				3	30								
							4	300	SAEL Industries Ltd.*				4	0								
							5	300	SAEL Industries Ltd.*				5	0								
							6 & 7	400	Acme Cleantech Solutions Pvt. Ltd*				6 & 7	200								
								1720						230		300						
35	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		14	3	New Pooling Station under implementation in Ananthapuram area of AP. *Agreed for grant			
								50	Ayana Renewable Power Four Pvt. Ltd*	3	400	Acme Cleantech Solutions Pvt. Ltd. #			3							
							2	150	Seven Renewable Power Pvt. Ltd.	4	250	ABC Cleantech Pvt. Ltd.*	2	150	4							
												250				ABC CT RE Park (01) Pvt. Ltd*						
												250				ABC CT RE Park (02) Pvt. Ltd*						
												250				ABC CT RE Park (03) Pvt. Ltd*						
								495						0		0			# As per CERC directions, 3 nos. of 400kV bays reserved for the applications of Renew Vikram Shakti Pvt. Ltd.(1710 MW) & Acme Cleantech Solutions Pvt. Ltd.(400 + 400 MW). 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"			

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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 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															New Pooling Station under bidding in Bidar area of Karnataka.	
							0			0			0							
37	400/220kV Bijapur PS		SR	2x500 MVA, 400/220 kV			1	300	Apraava Energy Pvt. Ltd.											New Pooling Station under approval in Bijapur area of Karnataka.
								300						0						
38	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. (150MW+150MW)				217	0						
							232	300	Azure Power India Pvt. Ltd				232	0						
							235	300	Azure Power India Pvt. Ltd.(250MW+50MW)				235	0						
							224	300	Adani Renewable Energy Holding One Ltd. (erstwhile Mahoba Solar (UP) Pvt. Ltd.)(200MW+50MW+50MW)				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						
39	765/400/220kV Bikaner S/s #	28 14 57 N, 73 22 55 E	NR	1x1500MVA, 765/400kV	3x1500MVA, 765/400kV 2x500MVA, 400/220kV	1x1500MVA, 765/400kV, 1x500MVA, 400/220kV	208	300	SBSR Power Cleantech Eleven Pvt. Ltd	415	550	ReNew Solar Power Pvt. Ltd.	208	0	415	350	0	0		Due to space constraints for additional 400kV corridor as well as 765/400kV ICTs, no new bay shall be allocated for grant of Stage-II Connectivity in line with decision in 5th CMETS meeting held on 30.03.2022.
							207	300	AVIKIRAN SURYA INDIA PRIVATE LIMITED	418	600	Azure Power India Pvt. Ltd.(300MW+300MW)	207	0	418					Additional transmission capacity is planned to meet N-1 requirement.
							204	335	Tata Power Green Energy Ltd. (225MW+110MW)	403	890	Avaada Energy Pvt. Ltd.(350MW+300MW+240MW)	204	0	403					
							203	300	Shikhar Surya (One) Pvt. Ltd. (70MW+105MW+125MW)	406	600	Ayana Renewable Power One Private Limited(300MW+300MW)	203	0	406					
								1235						0		350				
40	400kV Fatehgarh PS (TBCB) #	26°51'8.48"N, 71°30'34.29"E	NR	-	-	-	-	-	-	1	1000	Adani Renewable Energy Park Rajasthan Ltd.		1	0		0	0	No more evacuation can be accommodated due to system capacity constraints in existing / planned system	
										2				2						
										410	1200	ACME Solar Holdings Ltd. (4 applications each 300MW)			410	0				
								0								0				
41	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	1x1500MVA, 765/400kV	3x1500MVA, 765/400kV 4x500MVA, 400/220kV	1x1500MVA, 765/400kV 4x500MVA, 400/220kV	202	925	Rajasthan Solar Park Development Company Ltd.	441	550	NTPC Ltd.(250+300)	202	0	441	0	0	0	*Agreed to grant. Further, as order is reserved in Petition No. 268/MP/2023 & 269/MP/2023, CTUIL will maintain the status quo with regard to the grant of connectivity/allocating the bays at Bhadla II PS till outcome of the above.	
							203			412	1000	Azure Power India Private Limited (500+500)	203		412	0			No additional connectivity can be accommodated due to technical limitation at Bhadla-II PS.	
							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					Additional transformation capacity is planned to meet N-1 requirement.	
							219	300	NTPC Ltd.				219	0						
							221	300	Eden Renewable Alma Private Limited				221	0						
							A202	450	Project Nine Renewable Power Private Limited*				A202	150						
							A203						A203							
							A205	300	AMP Energy Green Private Limited (100MW+100MW+100MW)				A205	0						
							A206	320	Avaada Energy Pvt. Ltd.				A206	0						
							A209	300	Solarpack Corporacion Tecnologica S.A.				A209	0						
								3745						150		0				
42	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	1x500MVA, 400/220kV	4x1500MVA, 765/400kV 6x500MVA, 400/220kV	2x1500MVA, 765/400kV 4x500MVA, 400/220kV	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.	
							212						212							
							218	300	ReNew Solar Energy (Jharkhand Four) Pvt. Ltd.				218	0					Margin available at Fatehgarh-II PS (SC GIB Committee comments that line from/to Fatehgarh-II PS passes through prioritised GIB area and DTLs can't be considered for overhead laying may also be kept in view).	
							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						

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)			
						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. (150MW+90MW)				A222	0						
						A205	0					A205	500						
						A206						A206							
						A209	500	Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Limited)				A209	0						
						A210						A210							
						A218	180	SBE Renewables Sixteen Private Limited				A218	0						
						A203	300	Eden Renewable Passy Private Limited				A203	0						
						A202	300	Eden Renewable Bercy Private Limited				A202	0						
							4460						500						
43	765/400/220kV Fatehgarh-III PS #	26°21' 00" N, 71°06' 00" E	NR	6x1500MVA, 765/400kV 5X500MVA, 400/220kV (Section-2)+1X500 (Section-1)	-	4X500MVA, 400/220kV (Section-I)	201	300	Renew Surya Vihaan Private Limited (200+100)	449	767	Azure Power India Pvt. Ltd. (500MW + 100MW +167MW)	201	0	1	0	0	0	Margins are available on Section-II only as indicated. *Agreed to grant
							202	400	Renew Surya Roshni Private Limited	423	1100	ReNew Solar (Shakti Three) Private Limited (300MW) ReNew Solar (Shakti Five) Private Limited (400MW) ReNew Samir Shakti Private Limited (300MW) ReNew Dinkar Jyoti Private Limited (100MW)	202	0	2	0			
							204	380	Altra Xergi Power Private Limited	453	900	Serentica Renewable India Pvt. Ltd. (300MW+300MW+300MW)	204	0	3	0			
							206	600	SBE Renewables Seventeen Private Limited	446	800	Sprng Power Private Limited (300MW)* Sprng Akshaya Urja Private Limited (100MW)* SPRNG ENERGY PRIVATE LIMITED (400MW)*	206	0	4	0			
							208					208							
							210	300	ReNew Surya Aayan Private Limited				210	0					
							212	250	JSW Renew Energy Five Limited				212	0					
							227	260	Khaba Renewable Energy Private Limited (250MW) ReNew Surya Vihan Pvt. Ltd. (10MW)*				1	40					
							225	300	IB VOGT Solar Seven Private Limited				2	0					
							239	420	ReNew Surya Jyoti Private Limited (210MW),ReNew Surya Pratap Private Limited(210MW)				3	0					
							233	400	ABC Renewable Energy Private Limited				4	0					
							231	400	XL Xergi Power Pvt. Ltd.				5	0					
							229	300	Enregizent Power Private Limited (125MW+80MW) Teq Green Power XV Private Limited (95MW)				6	0					
							218	250	JSW Renew Energy Five Limited				7	0					
								4560					40						
44	400/220kV Bikaner-II PS#	28°09'20"N, 73°00'23.4"E	NR	8x500MVA, 400/220kV		2x500MVA, 400/220kV	202	335	Juna Renewable Energy Pvt Ltd. (290+45)	416	1000	SJVN Ltd.	202	0	1	0	2	0	Due to revocation of 675MW Connectivity granted to M/s Soltown, 675MW margin is available for connectivity. However, the Commission directed the CTUIL not to allocate the revoked capacity (675 MW) at Bikaner- II S/s to any other entity till the next date of hearing in 114/MP/2023.
							203	300	ReNew Dinkar Urja Pvt. Ltd. (200MW) Litsolaire Energy Pvt. Ltd. (100MW)				203	0	2	0			
							207	300	Khidrat Renewable Energy Private Limited				207	0	3	0			
							208	300	TP Saurya Limited (300MW)				208	0					
							216	250	Sprng Nirjara Energy Private Limited (50MW) Juniper Green Cosmic Private Limited(100MW) Sourya Manthan Renewable Energy Private (100MW)				216	0					
							218	400	Serentica Renewables India Pvt. Ltd. (100MW + 300MW)				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 (340MW + 60MW)				213	0					
							226 & 227	600	ALF Solar Amarsar Private Limited (400MW + 150MW+50MW)				1	0					
												2							
							225	300	NHPC Ltd.				3	0					
								3785					0						
45	400/220kV Fatehgarh-IV PS#	26°15'2.58" N, 71°14'7.21" E	NR	5x500MVA, 400/220kV (Section-I) 4x1500MVA, 765/400kV, 5x500MVA, 400/220kV (Section-II)			203	380	ABC Renewable Energy Pvt. Ltd.	1	600	ReNew Solar Power Pvt. Ltd. (300MW + 300MW)	1	0	1	300			*Agreed to grant.
							212	300	AMP Energy Green Pvt. Ltd. (130MW + 120MW+50MW)				2	0				Fatehgarh-IV PS (Section-II) is yet to be awarded.	
							205	380	ABC RJ Land 01 Pvt. Ltd. (110+270)				3	0					
							207	365	Juniper Green Stellar Private Limited (100MW 100MW + 60MW +45MW+ 60MW)				4	0					
							214	300	Luceo Solar Pvt. Ltd. (200MW + 100MW)				5	0					
							216	300	BN Hybrid Power-1 Pvt. Ltd. (119.2MW+180.8MW)				6						

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)			
							220	320	Cannice Renewables Energy Private Limited (80MW + 150MW+90MW)				1						
							1	250	Radiant Star Solar Park Pvt. Ltd. (200MW)				2	50					
							2	300	Helia Energy park (200MW + 100MW)*				3						
							3	300	Tepsol Saur Urja Pvt. Ltd.				4						
							4	300	Sprng Pavana Urja Private Limited (50MW+100MW*+150MW*)				5	0					
							5	410	Green Infra Clean Wind Technology Ltd. (300MW)				6	0					
							6	300	Green Infra Clean Solar Farms Pvt. Ltd. (110MW)				7	0					
							7	300	Juniper Green Stellar Pvt. Ltd.				8	0					
							8	300	Utkrisht Solar Energy Pvt. Ltd.				9	0					
							9	300	BN Dispatchable-1 Pvt. Ltd.				10	0					
							10	390	Aditya Birla Renewables Subsidiary Ltd.				11	0					
							11	260	ABREL (RJ) Projects Ltd.										
								5455					50		300				
46	765/400/220kV Bhadla-III PS#	Boundary Coordinates* Point1:- N 27°40'15.65", E 72°12'12.17" Point2:- N 27°40'2.8", E 72°12'20.84" Point3:- N 27°40'10.33", E 72°12'37.23" Point4:- N 27°40'23.54", E 72°12'29.23"	NR	2x1500MVA, 765/400kV 10x500MVA, 400/220kV			1	400	Prerak Greentech Solar Private Limited	1	1000	ReNew Solar (Shakti Six) Private Limited (550MW + 450MW)	1	0	1	0	4		*Agreed to grant. Further, as per direction of CERC, CTUIL will reserve 2 No. 220KV bays at Badhia III PS till the next date of hearing.
							2	340	Abu Renewables India Private Limited				2	0					
							3	300	Juniper Green Beta Pvt. Ltd. (150MW + 40MW + 70MW + 40MW)				3	0					
							4	300	Seven Renewable Power Pvt. Ltd.				4	0					
							5	300	Tepsol Sun Sparkle Pvt. Ltd.				5	0					
							6	300	Bhadla Three SKP Green Ventures Pvt. Ltd.				6	0					
							7	300	Juniper Green India Six Private Limited*				7	0					
							8	300	Frugal Energy Pvt Ltd (50MW+250MW)*				8	0					
							9	300	Serentica Renewables India Private Limited*				9	0					
							10	310	Solarcraft Power India 4 Pvt. Ltd. (150MW + 110MW)*				10	0					
							11	300	ACME Heeragarh Powertech Pvt. Ltd. (50MW)*				11	0					
								3450					0		0				
47	765/400/220kV Ramgarh PS#	Boundary Coordinates* Point1:- N 27°26'39.53", E 70°28'33.75" Point2:- N 27°26'40.33", E 70°29'2.68" Point3:- N 27°27'5.74", E 70°28'52.85" Point4:- N 27°27'5.92", E 70°28'21.92"	NR	3x1500MVA, 765/400kV 2x500MVA, 400/220kV			1			1	650	Adani Renewable Energy Holding Four Ltd. (500MW)	1		1	250	12	1	*Agreed to grant.
							2						2						
							3												
							4												
								0			650			0		250			
48	765/400/220kV Bikaner-III PS#	Boundary Coordinates* (As on 20.04.2023) Point1:- N 28°22'2.9521", E 73°11'9.4409" Point2:- N 28°22'7.5249", E 73°11'44.0585" Point3:- N 28°21'43.3307", E 73°11'46.5367" Point4:- N 28°21'38.5043", E 73°11'8.2069" Point5:- N 28°21'53.1967", E 73°11'6.2445"	NR	6x1500MVA, 765/400kV 5x500MVA, 400/220kV			1	150	Juniper Green Cosmic Private Limited (150MW)*	1	1000	MRS BUILDVISION PRIVATE LIMITED	1	200	1		1		Bikaner-III PS is yet to be awarded.
							2	317	Proteus Energy Private Limited (217MW)	2	1400	SUNBREEZE RENEWABLES NINE PRIVATE LIMITED	2	0	2				*Agreed to grant
							3	300	Avaada RJBikaner Private Limited (50MW)				3		3				
							4	300	Sunsure Solarpark RJ One Private Limited (50MW)				4						
							5	350	TP Saurya Limited	3			5						
									ACME Cleantech Solutions Private Limited				4						
									Saimaa Solar Private Limited (150MW)				5						
									Sunsure Solarpark RJ One Private Limited (50MW+50MW+50MW+50MW)										
								1417			2400		200		250				
49	765/400/220kV Bikaner-IV PS#	Location yet to be identified	NR	4x1500MVA, 765/400kV 4x500MVA, 400/220kV			1	300	Deshraj Solar Energy Pvt. Ltd.*	1	650	NTPC Renewable Energy Ltd. (500MW + 150 MW)	1		1	250	7		*Agreed to grant
							2	300	Solarcraft Power India 17 Pvt. Ltd.*				2						Bikaner-IV PS Tr. Scheme is under approval
							3	300	Sunsure Solar Park Fourteen Pvt. Ltd.*				3						
							4	100	First Energy Pvt. Ltd.*				4	200					
								1000			650		200		250				
50	765/400/220kV Barmer-I PS#	Boundary Coordinates* (As on 17.10.2023) Point1:- N 26°3'39.07", E 71°41'8.63" Point2:- N 26°3'22.52", E 71°41'33.94" Point3:- N 26°3'7.69", E 71°41'22.52" Point4:- N 26°3'24.05", E 71°40'57.07"	NR	3x1500MVA, 765/400kV 2x500MVA, 400/220kV			1	400	ACME Cleantech Solutions Pvt. Ltd.*	1	0			0			5		*Agreed to grant
							2	200	Teq Green Power XV Pvt. Ltd.*	2	0			0					Barmer-I PS & its interconnections are yet to be awarded
							3	100	Radiant Star Solar Park Pvt. Ltd.*	3	0			200					
							4	300	Eden Renewable Cadet Pvt. Ltd.*	4	0			0					
							5	300	Enren-I Energy Pvt. Ltd.	5	0			0					
								1400			0		200						

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)			

Disclaimer :-
In addition space provision has been kept for future I/c or drawl arrangement.
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.