

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

{As on 31.01.2024}																					
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 (I)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (I)	Bay No.	Bay-wise Margins Available (I)					
1	400/220kV Jam Khambhaliya (GIS) PS #	22°08'41"N 69°40'38"E	WR	400/220kV, 2X500MVA (5th, 6th & 7th)	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 9x500MVA ICTs . 2x500MVA ICTs are planned for State Drawal and 7x500MVA ICTs for RE Injection upto 3000. * Agreed for Grant.		
							202	300	Juniper Green Energy Pvt. Ltd. (200+100)	2			202	0	2						
							203	103.6	Powerica Ltd. (50.6+53)	3			203	196.4	3						
							206	290	Torrent Power Ltd. (115) Airpower Windfarms Pvt. Ltd. (175)	4			206	10	4						
							5	300	Avaada Energy Pvt. Ltd.(50+100)* + Malaren Solar Pvt. Ltd. (150)*	5			5	0	5						
							6	545	NTPC Renewable Energy Ltd. (500 + 45)	6			6	55	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.				10	200							
							2539.31			0			560.69		0						
2	765/400/220kV Bhuj PS#	23.45583333° N, 69.56235833° E	WR	4x1500MVA, 765/400kV; 8X500MVA, 400/220kV	1X500MVA, 400/220kV (9th)		205	776	Inox Green Energy Services Ltd. (300); 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)				205	0			2	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. (100); NTPC Renewable Energy Ltd. (155); Seven Renewable Power Private Limited (50)				206	0							
							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. (175); Adani Wind Energy Kutchh Three Ltd. (250); Adani Wind Energy Kutchh Five Ltd. (130);				219	170							
							220					220									
							230	300	Alfanar Energy Pvt Ltd				230	0							
							231	300	Netra Wind Pvt Ltd				231	0							
							230	360	Avikiran Solar India Pvt. Ltd.(285) + Juniper Green Energy Pvt. Ltd. (75)*				230	0							
							234	300	Renew Wind Energy (AP2) Pvt. Ltd				234	0							
							13	200	NLC India Ltd.				13	100							
							3796.0					320.0									
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); 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. *Agreed for grant							
							210	300	Sitac Kabini Renewables Pvt Ltd							207	61.5				
							207	238.5	Srijan Energy Systems Pvt. Ltd. +CGE Reneables Pvt. Ltd. (90)							207	61.5				
							201	300	Adani Green Energy Ltd							201	0				
							204	300	Inox Wind Infrastructure Services Ltd.							204	0				
							5	300	NTPC REL (300)							5	0				
							6	350	NTPC REL (150+200)							6	0				
							7	360	SJVN Green Energy Ltd.							7	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	50	ACME Cleantech Solutions Pvt. Ltd.*							11					
12	100	Avaada Energy Pvt. Ltd.				12															
							3324.5					123									

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 (I)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (I)	Bay No.	Bay-wise Margins Available (I)			
9	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 under construction 3rd 500MVA, 400/220kV ICT. *Agreed for grant
							Section-B (Extended Bus)@												
							209	299.04	Sprng Vayu Vidyut Pvt Ltd.(55.44+50.4+50.4+42+100.8)										
							2	226.8	VEH Jayin Renewable Pvt. Ltd. (151.8); VEH Wind Energy Pvt. Ltd. (75)										
							3	349.2	Sprng Vayu Vidyut Pvt. Ltd. (100+42); Sprng Akshaya Urja Pvt.Ltd.(100) Sprng Akshaya Urja Pvt. Ltd. (67.2)										
							4	200	Avaada Energy Pvt. Ltd. (50 + 150*)										
							1075.04						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	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	NIL			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. *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			6	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	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					
							2142						558						
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.	421	1202.8	Torrent Solar Power Pvt. Ltd. (66+92+250+192*) Tata Power Renewable Energy Ltd. (101+101*+100.8*) Serentica Renewables India Pvt. Ltd. (200+100)	206	0		47.2	0	6	*Agreed for grant
							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	0					
							201	300	Anupavan Renewables Pvt. Ltd. (150); Viento Renewables Pvt. Ltd. (150)				201	0					
							210	201	Veh Aarush Renewables Pvt. Ltd.				210	0					
							213	300	Avaada Energy Pvt. Ltd. (50+250)*				213	0					
							212	350	Serentica Renewables India 4 Pvt. Ltd. (210+140)				212	0					
							1951.3			1202.8			0		47.2				
16	Parli (PG) S/s (existing)	76.42818611E,18.74140278N	WR		2x500MVA, 400/220kV		211	300	Renew Tej Shakti Pvt. Ltd. (RTSPL) (180+69+51)				211	0					
							300						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 ()	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available ()	Bay No.	Bay-wise Margins Available ()			
24	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	* Agreed for grant 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												
25	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												
26	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	* Agreed for grant	
							2				2								
							3				3								
							4				4								
							5				5								
							6				6								
							7				7								
							8				8								
							9				9								
							10				10								
							11				11								
							12				12								
							13	100	NHPC Ltd			13	100						
								100	First Energy Pvt. Ltd.*										
							1700												
27	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								
							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												
28	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												
29	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	Greenko AP01 IREP Pvt. Ltd			409	0	NA	1	
										412	565	Greenko AP01 IREP Pvt. Ltd			412	75			
											260	Greenko AP01 IREP Pvt. Ltd							
										418	989	AM Green Energy Pvt. Ltd			418	0			
							0												
										2714									

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 ()	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available ()	Bay No.	Bay-wise Margins Available ()			
30	400/220 kV Koppal S/s	15°21'55.49"N 75°59'24.61"E	SR		-	5x500 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			0								
31	400/230 kV Karur S/s	10°50'34.10"N 77°39'32.91"E	SR		-	5x500 MVA, 400/230 kV	201	270	JSW Renew Energy Limited				201	30		5		*Agreed for grant	
							202	150	JSW Future Energy Ltd				202	50					
								100	First Energy Pvt. Ltd.*										
							207	198	Tata Power Renewable Energy Ltd.				207	0					
								93.6	Tata Power Renewable Energy Ltd. *										
							1	300	JSP Green Wind 1 Pvt. Ltd.*					0					
							1111.6	0			80								
32	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		-	5x500 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	130	Halvad Renewables Pvt. Ltd.*				201	0					
								300	Green Infra Wind Energy Ltd (GIWEL) (180 + 120 + 50)										
							202	300	Green Infra Wind Energy Ltd (GIWEL) (180 + 120 + 50)				202	0					
							216	285	Serentica Renewable India Pvt. Ltd. (165 + 120)				216	0					
							213	300	Renew Naveen Urja Pvt. Ltd				213	0					
							215	300	Project Eight Renewable Power Private Limited \$				215	0					
217	300	SolarOne Energy Private Limited \$				217	0												
							2385	0			0								
33	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	4x1500 MVA, 765/400kV & 4x500 MVA, 400/220 kV + 2x1500 MVA, 765/400kV & 3x500 MVA, 400/220 kV			1	85	Tata Power Renewable Energy Ltd				1	130		2	6	New Pooling Station under implementation in Koppal area of Karnataka. Space provision for additional bays is indicated considering Koppal-II PS for 9 GW capacity which includes RE potential at Koppal-II & Gadag-II . However allocation of bays at Koppal-II PS shall be made considering margins and applications received at Koppal-II PS & Gadag-II PS . *Agreed for grant	
								85	Tata Power Renewable Energy 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					
								184	ABREL (RU) Projects Ltd.										
							5	102	Aditya Birla Renewables Subsidiary Ltd.				5	0					
								153.6	VEH Green Energy Pvt. Ltd.										
							6	76.8	VEH Power Nirman Pvt. Ltd.				6	0					
								50	Vena Energy Aura Pvt. Ltd.*										
							7	50	Vena Energy Aura Pvt. Ltd.*				7	12					
								288	Tata Power Renewable Energy Ltd.										
							8 & 9	400	JSP Green Wind 1 Pvt. Ltd.				8 & 9	200					

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				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV	
							Bay No.	Connectivity Quantum (I)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (I)	Bay No.	Bay-wise Margins Available (I)			
							10	50	Avaada Energy Pvt. Ltd.*				10	0					
								250	Avaada Energy Pvt. Ltd.										
							11	225	Tata Power Renewable Energy Ltd.				11	75					
							12	300	JSP Green Wind 1 Pvt. Ltd.*				12	0					
							13	270	Clean Renewable Energy Hybrid Two Pvt. Ltd.*				13	30					
							14	300	Gadag Power India Pvt. Ltd.*				14	0					
								3769.4					0		447				
34	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	2	New Pooling Station under implementation in Gadag area of Karnataka. *Agreed for grant M/s Serentica Renewables india Pvt. Ltd. requested to shift its all granted connectivity at 220kV level along with agreed for grant application at 400 kV Level.
							2	160	Halvad Renewables Pvt. Ltd.		260	Greenko KA01 IREP Pvt. Ltd.	2	57.2	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	93					
							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	14					
								102	Aditya Birla Renewables Subsidiary Ltd.										
							8	300	Renew Vayu Energy Pvt. Ltd.				8	0					
							9	400	Tata Power Renewable Energy Ltd.				9	200					
							10	250	Avaada Energy Pvt. Ltd.				10	50					
							11	300	Green Infra Renewable Projects Ltd.*				11	0					
								3125.8			1800		514.2		0				
35	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				1	150	AMP Green Energy Pvt. Ltd.	1 & 2	600	Adani Renewable Energy Forty Two Ltd.	1	0		300	19	0	New Pooling Station under implementation in Kurnool area of AP.
								200	AMP Energy Green Pvt. Ltd.	3	800	Indosol Solar Pvt. Ltd.				100			
							2	100	Amp Energy CI Twelve Pvt. Ltd.	4	900	Indosol Solar Pvt. Ltd.	2	200		0			
							3	270	Hero Solar Energy Pvt. Ltd.	5	900	Indosol Solar Pvt. Ltd.	3	30		0			
							4	300	SAEL Industries Ltd.	6	900	Indosol Solar Pvt. Ltd.	4	0		0			
							5	300	SAEL Industries Ltd.				5	0					
							6	400	Acme Cleantech Solutions Pvt. Ltd				6	200					
							7	270	Hero Solar Energy Pvt. Ltd.				7	30					
								1990			4100		460		400				
36	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		13	4	New Pooling Station under implementation in Ananthapuram area of AP.
								50	Ayana Renewable Power Four Pvt. Ltd	4	250	ABC Cleantech Pvt. Ltd.			3				*Agreed for grant
							2	150	Seven Renewable Power Pvt. Ltd.		250	ABC CT RE Park (01) Pvt. Ltd	2	150					# 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"
								160	Renew Vikram Shakti Pvt. Ltd. *		250	ABC CT RE Park (02) Pvt. Ltd							
							3	400	Acme Cleantech Solutions Pvt. Ltd		250	ABC CT RE Park (03) Pvt. Ltd							
								1055			2710		0		0				
37	765/400/220kV Bidar PS	Boundary coordinates 18°17'51.73"N, 77°18'8.95" E 18°17'51.19"N, 77°18'31.17" E 18°18'10.22"N, 77°18'31.23" E 18°18'11.89"N, 77°18'37.28" E 18°18'20.47"N, 77°18'37.51" E 18°18'20.86"N, 77°18'27.79" E 18°18'16.57"N, 77°18'27.67" E 18°18'16.45"N, 77°18'9.41" E	SR	3x1500 MVA, 765/400kV & 5x500 MVA, 400/220 kV			1	300	Hero Solar Energy Pvt. Ltd.*					0					New Pooling Station under implementation in Bidar area of Karnataka. * Agreed for grant

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 (I)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (I)	Bay No.	Bay-wise Margins Available (I)						
45	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		*Agreed for grant in 23rd CMETS-NR. CERC order in 268/MP/2023 & 269/MP/2023 stipulates re-allocation exercise to be carried out again. However, matter subjudice (APTEL), margin shall be subject to outcome of court proceeding 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	1000	Azure Power India Private Limited (500+500)	203		412	0						
							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			450	Project Nine Renewable Power Private Limited*		A202		150							
							A203						A203									
							A205			300	AMP Energy Green Private Limited (100+ 100+100)		A205		0							
							A206			320	Avaada Energy Pvt. Ltd.		A206		0							
							A209			300	Solarpack Corporacion Technologica S.A.		A209		0							
							3745		2050		150	0										
46	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. 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).			
							212				212											
							218	300	ReNew Solar Energy (Jharkhand Four) Pvt. Ltd.		218	0										
							203	300	Eden Renewable Cite Pvt. Ltd		203	0										
							221	300	ReNew Solar Energy (Jharkhand Four) Pvt. Ltd.		221	0										
							220	300	ReNew Solar Energy (Jharkhand Three) Private Limited		220	0										
							209	300	Adani Hybrid Energy Jaisalmer Two Ltd. (erstwhile Adani Green Energy Seven Limited)		209	0										
							210	300	Adani Hybrid Energy Jaisalmer Three Ltd. (erstwhile Adani Green Energy Nine Limited)		210	0										
							A220	450	SBE Renewables Ten Private Limited		A220	0										
							A221				A221											
							202	300	Renew Solar Urja Private Limited		202	0										
							A222	240	NTPC Ltd. (150+90)		A222	0										
							A205	0			A205	500										
							A206				A206											
							A209	500	Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Limited)		A209	0										
							A210				A210											
							A218	180	SBE Renewables Sixteen Private Limited		A218	0										
							A203	300	Eden Renewable Passy Private Limited		A203	0										
							A202	300	Eden Renewable Bercy Private Limited		A202	0										
														4460		0		500		500		
47	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. (500 + 100 +167)	201	0	449	0	0	0	Margins (40MW) 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	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										
							227	260	Khaba Renewable Energy Private Limited (250) ReNew Surya Vihan Pvt. Ltd. (10)*		227	40										
							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										
							218	250	JSW Renew Energy Five Limited		218	0										
														4560		3567		40		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 (I)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (I)	Bay No.	Bay-wise Margins Available (I)			
48	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	SIVN Ltd.	202	0	416	0	2	0	Due to revocation of 675 Connectivity granted to M/s Soltown, 675 margin is available for connectivity. CERC directed the CTUIL not to allocate 675MW at Bikaner- II PS to any other entity till outcome of the petition 114/MP/2023
							203	300	ReNew Dinkar Urja Pvt. Ltd. (200) Litsolaire Energy Pvt. Ltd. (100)				203	0					
							207	300	Khidrat Renewable Energy Private Limited				207	0					
							208	300	TP Saurya Limited (300)				208	0					
							216	250	Sprng Nirjara Energy Private Limited (50) Juniper Green Cosmic Private Limited(100) Sourya Manthan Renewable Energy Private (100)				216	0					
							218	400	Serentica Renewables India Pvt. Ltd. (100 + 300)				218	0					
							214	100	Onevolt Energy Private Limited				214	0					
								100	Grian Energy Private Limited										
								100	Amplus Ages Private Limited										
							201	300	ACME Solar Holdings Private Limited				201	0					
							213	400	Prerak Greentech Private Limited (340 + 60)				213	0					
							226 & 227	600	ALF Solar Amarsar Private Limited (400 + 150+50)				226 & 227	0					
							225	300	NHPC Ltd.				225	0					
								3785			1000			0		0			
49	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. (300 + 300)	1	0	1	0			Fatehgarh-IV PS (Section-II) is yet to be awarded.
							212	300	AMP Energy Green Pvt. Ltd. (130 + 120+50)	2	900	NTPC Renewable Energy Ltd.	2	0					No margins available at Fatehgarh-IV PS
							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						
							220	320	Cannice Renewables Energy Private Limited (80 + 150+90)				1						
							1	300	Radiant Star Solar Park Pvt. Ltd. (200 + 100*)				2	50					
							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	0					
							5	410	Green Infra Clean Wind Technology Ltd. (300) Green Infra Clean Solar Farms Pvt. Ltd. (110)				6	0					
							6	300	Juniper Green Stellar Pvt. Ltd.				7	0					
							7	300	Utkrisht Solar Energy Pvt. Ltd.				8						
							8	300	BN Dispatchable-1 Pvt. Ltd.				9	0					
							9	390	Aditya Birla Renewables Subsdiay Ltd.				10	0					
							10	260	ABREL (RJ) Projects Ltd.				11						
								5505			1500			50		0			
50	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 (550 + 450)	1	0	1	0	4		*Agreed to grant 600MW capacity (2 nos. of 220kV bays) shall be reserved till outcome of appeal of Project Nine in APTEL..
							2	340	Abu Renewables India Private Limited	2	800	ReNew Solar (Shakti Six) Private Limited (400 + 400)	2	0					
							3	300	Juniper Green Beta Pvt. Ltd. (150 + 40 + 70 + 40)	3	650	Malur Renewables Private Limited*	3	0					
							4	300	Seven Renewable Power Pvt. Ltd.				4	0					
							5	300	Tepsol Sun Sparkle Pvt. Ltd.				5	0					
							6	300	Bhadla Three SKP Green Ventures Pvt. Ltd.				6	0					
							7	300	Juniper Green India Six Private Limited				7	0					
							8	300	Frugal Energy Pvt Ltd (50+250)				8	0					
							9	300	Serentica Renewables India Private Limited				9	0					
							10	310	Solarcraft Power India 4 Pvt. Ltd. (150 + 110 + 50*)				10	0					
							11	300	Green Infra Clean Energy Generation Ltd.				11	0					
								3450			2450			0		0			
51	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. (500) Adani Solar Energy AP Three Ltd. (150)	1		1	250	12	1	
							2						2						
							3												
							4												
								0			650					250			
52	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	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			*CERC order in 268/MP/2023 & 269/MP/2023 stipulates re-allocation exercise to be carried out again. However, matter subjudice (APTEL), margin shall be subject to outcome of court proceeding
							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					

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 ()	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available ()	Bay No.	Bay-wise Margins Available ()						
53	765/400/220kV Bikaner-IV PS#	Location yet to be identified	NR	4x1500MVA, 765/400kV 4X500MVA, 400/220kV			1	300	Solarcraft Power India 17 Pvt. Ltd.	1	950	Avaada RBikaner Private Limited (50+600) Avaada Energy Private Limited (300)	1		1	0	7		*Agreed to grant Bikaner-IV PS Tr. Scheme is under approval			
							2	300	Sunsure Solar Park Fourteen Pvt. Ltd.	2	800	NTPC Renewable Energy Ltd. *(150+250+400)	2							No margin available as other applications granted Connectivity at Bikaner-IV PS		
							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 (Opc) Pvt. Ltd.*													
							6	300	Clean Max Gamma Pvt. Ltd.*													
							7	250	Shudh Solar Power Private Limited*													
							8	300	Furies Solren Private Limited*													
							2350			2450		0		0								
54	765/400/220kV Barmer-I PS#	Boundary Coordinates* (As on 15.12.2023 & Under review by CEA) Point1:- 26° 04' 35.40" N, 71° 19' 29.26" E Point2:- 26° 04' 49.39" N, 71° 19' 21.59" E Point3:- 26° 04' 46.20", 71° 19' 15.24" E Point4:- 26° 04' 55.45", 71° 19' 08.19" E Point5:- 26° 04' 46.64" N, 71° 18' 53.51" E Point6:- 26° 04' 25.89" N, 71° 19' 08.01" E	NR	3x1500MVA, 765/400kV 2X500MVA, 400/220kV			1	400	ACME Cleantech Solutions Pvt. Ltd.	1	0						5		*Agreed to grant Barmer-I PS & its interconnections are yet to be awarded			
							2	300	Teq Green Power XV Pvt. Ltd.	2	0										No margin available as other applications granted Connectivity at Barmer-I PS	
							3	300	Avaada Energy Private Limited (50+250*)	3	0											
							4	300	Eden Renewable Cadet Pvt. Ltd.	4	0											
							5	300	Enren-I Energy Pvt. Ltd.	5	0											
							6	250	Anboto Solar Private Limited*	6												
							7	300	Auxo Sunlight Private Limited*	7												
							8	300	Gamma Renewables India Project One Ltd.*	8												
							9	300	Juniper Green Energy Private Limited*	9												
							10	300	ReNew Sun Power Private Limited*	10												
							3050			0		0										
55	765/400/220kV Sirohi S/s	Boundary Coordinates* Point1:- 25° 5'17.12"N, 72°47'45.20"E Point2:- 25° 5'4.97"N, 72°47'13.43"E Point3:- 25° 4'42.39"N, 72°47'33.31"E Point4:- 25° 5'1.36"N 72°47'52.69" E	NR	2x1500MVA, 765/400kV														Tr. System to be reviewed & finalized for 2GW evacuation (sch.upto Feb'29). Presently 400kV level under bidding; 220kV level if required shall have to be taken up for approval seperately				

Disclaimer :-

** Barmer-I S/s coordinates are under review. Same shall be updated upon finalization.

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.