

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

**{ As on 30.06.2023 }**

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, 4X500MVA,	201	250.8	CLP India Pvt. Ltd.	407	300	Vaayu Renewable Energy (Mevasa) Pvt. Ltd.	201	49.2	407	600	6	6	Additional augmentation of transmission system shall be required for power transfer beyond 1200MW from Jam Khambhaliya (GIS) PS.  Transformation Capacity at 400/220kV Jam Khambhaliya (GIS) PS is expandable up to 8x500MVA ICTs .  * Agreed for Grant.	
						202	0	Vacant	2	1800	Reliance Industries Ltd. (Bulk Consumer) (500MW+700MW); Reliance New Solar Energy Ltd. (600MW*)	202	300	2					
						203	50.6	Powerica Ltd.	3			203	249.4	3					
						206	115	Torrent Power Ltd.	4	1050	EET Future Energy Ltd. (formerly Renjoules International Ltd.) (Bulk Consumer)	206	185	4					
						5	0	Vacant	5			5	300	5					
						6	0	Vacant				6	300						
						7	0	Vacant				7	300						
							<b>416.4</b>		<b>3150</b>		<b>1683.6</b>		<b>600</b>						
2	765/400/220kV Bhuj PS#	23.45583333° N, 69.56235833° E	WR		4x1500MVA, 765/400kV; 8X500MVA, 400/220kV	205	776	Inox Wind Infrastructure Services Ltd. (500MW) & Continuum Power Trading (TN) Ltd (126MW) NTPC Renewable Energy Ltd. (150MW)				205				3	6	Augmentation of transmission system shall be required for power transfer beyond 4000MW in case of injection at 220kV level.  Transformation Capacity at 400/220kV Bhuj PS are expandable up to 9x500MVA ICTs .	
						208					208	0							
						206	0	Vacant			206	300							
						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 Limited(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 Private Ltd.			230	15							
						234	300	Renew Wind Energy (AP2) Pvt. Ltd			234	0							
206	300	NTPC Renewable Energy Ltd.			206	0													
							<b>3366.0</b>				<b>535</b>								
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		2x1500 MVA, 765/400 kV; 4X500 MVA, 400/220 KV	210	300	Sitac Kabini Renewables Pvt Ltd				210	0		8	6	Additional augmentation of transmission system shall be required for power transfer beyond 2000MW in case of injection at 220kV level.  Transformation Capacity at 765/400/220kV Bhuj II GIS S/s is expandable upto 4x1500MVA, 765/400kV ICTs & 9x500MVA, 400/220kV ICTs		
						207	148.5	Srijan Energy Systems Private Limited				207	151.5						
						201	300	Adani Green Energy Ltd				201	0						
						204	300	Inox Wind Infrastructure Services Ltd.				204	0						
						202	0	Vacant				202	300						
						205	0	Vacant				205	300						
						211	0	Vacant				211	300						
							<b>1048.5</b>				<b>1051.5</b>								
4	400/220kV Bhachau S/s	23.20613889° N, 70.18733333° E	WR		2X315 MVA, 400/220 KV	210	300	Ostro Kutch Wind Pvt. Ltd.				210	300		NIL	3	Availability of line corridor is limited.		
						211						211							
						212	350	Renew Power Ventures Pvt. Ltd.				212	250						
						213						213							
							<b>650</b>				<b>550</b>								
5	Khavda PS-I	Boundary Coordinates: 534252.00 m E 2665370.00 m N 534924.00 m E 2665328.00 m N 534892.00 m E 2664895.00 m N 534253.00 m E 2664935.00 m N	WR		3x1500MVA, 765/400kV	<b>Section-A</b>												Presently, Khavda PS-I is under construction stage.  Transformation Capacity at 765/400kV Khavda PS-I is expandable up to 8x1500MVA ICTs	
						1	2500	Adani Renewable Energy Holding Four Ltd.				1	0						
						2						2							
						3	1000	Adani Renewable Energy Holding Four Ltd.				3	0						
						4	1050	Adani Green Energy Ltd. (1050MW)				4	0						
						<b>Section-B</b>													
						5	1000	Adani Green Energy Ltd. (1000MW)				5	0						
						6	1000	Adani Green Energy Ltd.				6	0						
						7	1300	Adani Green Energy Ltd. (1050+250MW)				7	0						
8	1150	Sarjan Realities Pvt. Ltd.				8	0												
							<b>9000</b>				<b>0</b>								





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	400/220 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					1	2
							2					2							
							3					3							
							4					4							
							5					5							
							6					6							
							7					7							
							8					8							
							9					9							
							10					10							
							11					11							
							12					12							
24	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
							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							
							3050				0			0					
25	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	234					
							366				0			234					
26	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	2	
										412	565	Greenko AP01 IREP Pvt. Ltd			412	75			
											260	Greenko AP01 IREP Pvt. Ltd							
							0				1725			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)			
27	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.  *Agreed for grant  # Not opted for transition under GNA Regulations, 2022
							204	300	Ayana Renewable power Six Pvt Ltd				204	0					
							203	300	#Adani Renewable Energy Holding Fifteen 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						
28	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			7		
							202	150	JSW Future Energy Ltd				202	150					
								420					0						
29	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) (160MW)				203	0			0		Gadag PS has been closed for all purpose regarding grant of Connectivity.  *Agreed for grant
								140	Halvad Renewables Pvt. Ltd.*										
							204	300	Renew Solar Power Pvt. Ltd.				204	0					
							201	170	Azure Power India Private Ltd (120 MW + 50 MW)				201	0					
								130	Halvad Renewables Pvt. Ltd.*										
							202	350	Green Infra Wind Energy Ltd (GIWEL) (180 MW + 120 MW + 50 MW)				202	0					
							216	285	Serentica Renewable India Pvt. Ltd. (165MW + 120 MW)				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					
								2435					0						
30	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	2x1500 MVA, 765/400kV & 4x500 MVA, 400/220 kV			1 & 2	400	TP Saurya Ltd.			1 & 2	115					New Pooling Station planned and implementation is yet to start.	
								85	Tata Power Renewable Energy Ltd*									*Agreed for grant	
								485					0						
31	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			1 & 2	200	TP Saurya Ltd.			1 & 2	230					New Pooling Station planned and implementation is yet to start.	
								170	Tata Power Renewable Energy Ltd*									*Agreed for grant	
							3	160	Halvad Renewables Pvt. Ltd.			2	140						
							4	300	Green Infra Wind Energy Ltd.			3	0						
								830					0						
32	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												New Pooling Station under implementation in Kurnool area of AP.	
								0					0						
33	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														New Pooling Station under bidding in Ananthapuram area of AP.	
								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)													
35	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			3	0															
							4			4																			
							225	750	Essel Saurya Urja Company of Rajasthan Ltd.	225			225	0															
							226			226																			
							237	130	Azure Power India Pvt. Ltd	237			237	0															
							217			217																			
							232	300	Tata Power Renewable Energy Ltd. (150MW+150MW)	232			232	0															
							235			235																			
							224	300	Adani Renewable Energy Holding One Ltd. (erstwhile Mahoba Solar (UP) Pvt. Ltd.)(200MW+50MW+50MW)	224			224	0															
							223			223																			
							219	250	ACME Solar Holdings Ltd	219			219	0															
							227			227																			
							3580			0			0																
36	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. (250+300)	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.  Additional transmission capacity is planned to meet N-1 requirement.										
							207			300			AVIKIRAN SURYA INDIA PRIVATE LIMITED							418	600	Azure Power India Pvt. Ltd.(300MW+300MW)	207	0	418	300			
							204	335	Tata Power Green Energy Ltd. (225MW+110MW)	403	890	Avaada Energy Pvt. Ltd.(350MW+300MW+240MW)	204	0	403	0													
							203	300	Shikhar Surya (One) Pvt. Ltd. (70MW+105MW+125MW)	406	600	Ayana Renewable Power One Private Limited(300MW+300MW)	203	0	406	300													
							1235			2640		0		950															
37	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	411	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	410	0														
							0			2200		0		0															
38	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	No more connectivity can be accommodated due to technical limitation at Bhadla-II PS.  Additional transmission capacity is planned to meet N-1 requirement.  *Not opted for GNA Transition. This margin shall be offered to RE applications under process (based on their priority) at Bhadla-III.										
							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	0	SBE Renewables Fifteen Private Limited*	A202	600																		
							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																		
											3295		2050		600					0									
							39	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	500	Azure Power India Pvt. Ltd.	211	0	432	0	0	0	Due to space constraint of ICT additions at Fatehgarh-II PS no more connectivity can be granted.  Additional transformation capacity (1x500MVA) is planned to meet N-1 criteria. * Not opted for GNA Transition. Margin available (500 MW) at Fatehgarh-II PS but not declared in view of 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.
														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. (150MW+90MW)	A222	0																									
A205	0	Adani Renewable Energy Park Rajasthan Limited*	A205	0																									
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									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)			
40	765/400/220kV Fatehgarh-III PS #	26°21' 00" N, 71°06' 00" E	NR	6x1500MVA, 765/400kV 5x500MVA, 400/220kV (Section-2)	4x500MVA, 400/220kV (Section-I)	201	300	Renew Surya Vihaan Private Limited (200+100)	1	600	Azure Power India Pvt. Ltd. (500MW + 100MW)	201	0	1	300	0	0	Margins are available on Section-II only as indicated. . * M/s Adani vide letter dtd 21/03/23 submitted their dissent for GNA transition for their 1500MW solar project in Fatehgarh-III PS (1200MW at Sec-II) as per CERC (Connectivity & GNA to the ISTS) regulation 2022. 800MW Connectivity of M/s ReNew has been agreed to be shifted at Fatehgarh-III PS (Section-II) which is under process. Balance 400MW margin shall be offered to RE applications under process (based on their priority) at Fatehgarh-IV PS.	
						202	400	Renew Surya Roshni Private Limited	2	0	Adani Renewable Energy Holding Four Ltd.* (erstwhile Adani Green Energy Four Limited)	202	0	2	900				
						204	380	Altra Xergi Power Private Limited	3	1000	Azure Power India Pvt. Ltd.(500MW+500MW)	204	0	3	0				
						206	600	SBE Renewables Seventeen Private Limited	4	1000	Azure Power India Pvt. Ltd.(500MW+500MW)	206	0	4	0				
						208					208								
						210	300	ReNew Surya Aayan Private Limited			210	0							
						212	0	Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Limited)*			212	0							
						1					1								
						2	300	IB VOGT Solar Seven Private Limited			2	0							
						3	420	ReNew Surya Jyoti Private Limited (210MW),ReNew Surya Pratap Private Limited(210MW)			3	0							
						4	400	ABC Renewable Energy Private Limited			4	0							
						5	400	XL Xergi Power Pvt. Ltd.			5	0							
						6	205	Enregizent Power Private Limited (125MW+80MW)			6	0							
											3705			2600					1200
41	400/220kV Bikaner-II PS#	28°09'20"N, 73°00'23.4"E	NR	5x500MVA, 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. Out of which 217MW has been allocated to M/s Proteus. Balance 458MW margin shall be offered to RE applications under process (based on their priority) at Bikaner-III.	
						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	Onewolt 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		1000		0	0									
42	400/220kV Fatehgarh-IV PS#	Boundary Coordinates* Point1:- N 26°13'38.76", E 71°15'42.74" Point2:- N 26°13'59.62", E 71°15'53.12" Point3:- N 26°14'11.27", E 71°15'23.11" Point4:- N 26°13'50.22", E 71°15'12.67"	NR	5x500MVA, 400/220kV (Section-I)  4x1500MVA, 765/400kV, 5x500MVA, 400/220kV (Section-II)		1	380	ABC Renewable Energy Pvt. Ltd.				1	0		10		** Agreed to be shifted to Fatehgarh-III PS.which is under process. *Agreed to grant. Further, additional Connectivity applications (about 3500MW) has also been received at Fatehgarh-IV PS for which GNA Transition is under process.		
						2	350	AMP Energy Green Pvt. Ltd. (130MW + 120MW+50MW*) Sprng Pavana Urja Private Limited(50MW)				2	0						
						3	380	ABC RJ Land 01 Pvt. Ltd. (110+270)				3	0						
						4	0	ReNew Solar (Shakti Three) Private Limited**				4	300						
						5	0	ReNew Solar Private Limited (200MW + 100MW)** ReNew Dinkar Jyoti Private Limited (100 MW)**				5	400						
						6	250	Khaba Renewable Energy Private Limited				6	0						
						7	300	ReNew Samir Shakti Five Private Limited (200MW+100MW+100MW**)				7	0						
						8	365	Juniper Green Stellar Private Limited (100MW 100MW + 60MW +45MW+ 60MW)				8	0						
						9	300	Luca Solar Pvt. Ltd. (200MW + 100MW*)				9	0						
						10	230	Cannice Renewables Energy Private Limited (80MW + 150MW)				10	70						
						11	600	Serentica Renewables India Pvt. Ltd. (300MW + 300MW)*				11	0						
						12						12	0						
						13	400	Radiant star (200MW)*+ Helia Energy park (200MW)*				13	0						
											3555			770					
43	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	12		Additional Connectivity (about 1850MW) application has also been received at Bhadla-III PS for which GNA Transition is under process.	
						2	340	Abu Renewables India Private Limited				2	0						
						3	310	Juniper Green Beta Pvt. Ltd. (150MW + 40MW + 70MW) Frugal Energy Pvt. Ltd. (50MW)				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						
											1950		1000		0				0



Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Connectivity)						Margin on Existing / Under Implementation Transmission System				Space Provision for Future Additional Line Bays (No.) for Injection		Remarks
				Planned	Existing	Under Implementation	220kV			400kV			220kV		400kV		220kV	400kV	
							Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Connectivity Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
44	765/400/220kV Rangarh 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) Adani Solar Energy AP Three Ltd. (150MW)*	1		1	250	12	1	*Agreed to grant.
								0			650					250			
45	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	300	TP Saurya Limited				1	0			13		Bikaner-III PS is yet to be awarded. Additional Connectivity application (1900MW) has also been received at Bikaner-III PS for which GNA Transition is under process.
								300						0					
<p><b>Disclaimer :-</b></p> <p># In addition space provision has been kept for future I/c or drawl arrangement.</p> <p>1. Boundary coordinates indicates the periphery within which the Sub-station is located.</p> <p>2. Bay numbers are indicative in nature and may be co-related with SLD issued by concerned ISTS Licensee.</p> <p>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).</p> <p>4. Transition of Connectivity applications received under Connectivity Regulations 2009 to GNA and Connectivity/GNA applications received under GNA Regulations, 2022 are under process.</p>																			