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

{ As on 30.04.2023 }

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Stage-II 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.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Stage-II 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					
								416.4			**3150**			**1683.6**		**600**			
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	0			3	6	Augumentation 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						
							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					
								3366.0						**535**					
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 augumentation of transmission system shall be required for power transfer beyond 2000MW in case of injection at 220kV level. Transformation Capacitiy 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					
								1048.5						**1051.5**					
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						
								650						**550**					
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				**Section-A**									Presently, Khavda PS-1 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			
										Section-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 Realties Pvt. Ltd.			8	0			
											9000					**0**			

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Stage-II 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.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
6	Khavda PS-II		WR	0		2x1500MVA, 765/400kV				**Section-A**									The co-ordinates of the S/s shall be provided by successful bidder of the project. Transformation Capacity at 765/400kV Khavda PS-I I is expandable up to 9x1500MVA ICTs.
								0		1	1600	Gujarat State Electricity Corprroration Ltd. (600MW+1000MW)			1				
										2									
								0		3	600	Gujarat Industries Power Company Ltd.			3				
										Section-B									
										4	1555	NTPC Renewable Energy Ltd. (NTPC REL) (365MW+890MW+300MW)			4				
								0			**3755**					**0**			
7	Khavda PS-III		WR			3x1500MVA, 765/400kV				**Section-A**									The co-ordinates of the S/s shall be provided by successful bidder of the project. Transformation Capacity at 765/400kV Khavda PS-III is expandable up to 8x1500MVA ICTs. * Agreed for grant
										1	1050	Adani Green Energy Ltd. (1050MW)			1				
										2	1200	NTPC Renewable Energy Ltd. (NTPC REL) (1200MW)			2				
										3	1250	Sarjan Realties Pvt. Ltd.			3				
										4	1100	Sarjan Realties Pvt. Ltd.			4				
										Section-B									
										5	1250	Sarjan Realties Pvt. Ltd.			5				
										6	600	NHPC Ltd.*							
											6450					**0**			
8	Banaskantha (Radhanesda) PS [GIS] (Vav)	Boundary Coordinates: 24°20'33.9"N 71°29'08.3"E 24°20'40.4"N 71°29'13.5"E 24°20'35.5"N 71°29'20.6"E 24°20'29.0"N 71°29'15.3"E	WR		2x500 MVA, 400/220 KV		1	700	Radhanesda UMSP (GPCL)								4		Space for 4 nos. 220kV line bays has been identified for interconnection of Harshad SP. Augumentation of transmission system shall be required for power transfer beyond 950MW at Banaskantha (Radhanesda) PS. Tranformation Capacity at 400/220kV Radhanesda PS is expandable up to 3x500MVA ICTs.
							2		Radhanesda UMSP (GPCL)										
							3		Radhanesda UMSP (GPCL)										
							4		Radhanesda UMSP (GPCL)										
								700											
9	400/220kV Rajgarh (PG) (existing) S/s#	22.68222222˚ N, 74.92444444˚ E	WR		2x315 MVA, 400/220 KV	1x500 MVA, 400/220 kV (segregated from existing 220kV bus through bus section)	209	156.24	Sprng Vayu Vidyut Pvt Ltd.(55.44+50.4+50.4)				209	143.76			1 @		@Injection of power would be on the extended bus through 220kV GIS line bays being terminated into under construction 3rd 500MVA, 400/220kV ICT. Additional quantum of about 285 MW can be evacuated in case of injection at 220kV level on extended 220kV Bus.
							2	190.2	VEH Jayin Renewable Pvt. Ltd.				2	109.8				
								346.44						**253.56**					
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 Private Limited				214	NIL			1	2	Injection of power would be on the extended bus through 220kV Hybrid/MTS line bays. Additional quantum of about 175 MW can be evacuated in case of injection at 220kV level.
								324.4											
11	Pachora PS#	23.7177N 76.12333E	WR			3x500MVA, 400/220kV	1	550	RUMSL (Agar SP)				1	50			9	6	Presently, Pachora PS is under construction stage. Transformation Capacity at 400/220kV Pachora SEZ PP is epandable up to 9x500MVA ICTs .
							2						2						
							3	450	RUMSL (Shajapur SP)				3	150					
							4						4						
							5	0	Vacant				5	300					
							6	0	Vacant				6	300					
								1000						**800**					
12	Neemuch PS		WR			2x500MVA, 400/220kV	1			1			1		1		5	0	The co-ordinates of the S/s shall be provided by successful bidder of the project. Transformaiton Capacity at 400/220kV Neemuch PS is expandable up to 4x500MVA ICTs
							2	500	RUMSL (Neemuch SP)	2	1200	Greenko Energies Pvt. Ltd. (Hydro)	2	100	2				
								500						**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 Private Limited (MSEPL)				214	0			3	2	Augumentation of transmission system shall be required for power transfer beyond 300MW in case of injection at 220kV level.
								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 (SRSSFPL)				213	250			0	NIL	
								50						**250**					

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Stage-II 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.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
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	66	Torrent Solar Power Pvt. Ltd.	206	0		834	0	6	Tranformation Capacity at 400/220kV Kallam PS is expandable up to 4x500MVA ICTs.
							205	321.6	TEQ Green Power XI Pvt. Ltd. (201MW+99MW+21.6)				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					
							213	300	JSW Neo Energy Ltd. (JSW NEL)				213	0					
							212	350	Serentica Renewables India 4 Pvt. Ltd. (SRI4PL) (210MW+140MW)				212	0					
								1922.6						**0**					
16	Parli (PG) S/s (existing)		WR		2x500MVA, 400/220kV		211	300	Renew Tej Shakti Pvt. Ltd. (RTSPL) (180MW+69MW+51MW)				211	0					
								300						**0**					
17	Parli (New)		WR		2x1500 MVA, 765/400 kV;					1	277	Renew Pawan Shakti Pvt. Ltd. *			1	423			Total available margin at 400kV level of Parli (New) S/s is 700MW. Accordinlgy, 423MW is left for injection at 400kV level of Parli (New) s/s, considering Stage-II Connectivity grant for 277MW to Renew Pawan Shakti Pvt. Ltd. * Agreed for grant.
								300			**277**			**0**		**423**			
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		406	258	Renew Green Energy Solutions Pvt. Ltd. (RGESL) (100MW+32MW+76MW+50MW)			406	1742			Total available margin at 400kV level of Solapur (PG) S/s is 2000MW. Accordinlgy, 1742MW is left for injection at 400kV level of Solapur (PG) s/s, considering Stage-II Connectivity grant for 258MW to Renew Green Energy Solutions Pvt. Ltd.
											258					**1742**			
19	Solapur PS		WR	4X500 MVA 400/220 KV			1	260	Juniper Green Ray Two Pvt. Ltd. (80MW+100MW+80MW)*				1	40					* Agreed for Grant
							2	0	Vancat				2	300					
							3	0	Vancat				3	300					
							4	0	Vancat				4	300					
							5	0	Vancat				5	300					
								260						**1240**					
20	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	300	Mytrah Energy (India) Private Limited				222	0			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					
								2220.1			**0**			**479.9**		**0**			
21	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	
								300			**0**			**0**					
22	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**					

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Stage-II 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.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Stage-II 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						1				1	2	
							2						2						
							3						3						
							4						4						
							5						5						
							6						6						
							7	1500	Andhra pradesh Solar Power Corporation Ltd.				7						
							8						8						
							9						9						
							10						10						
							11						11						
							12						12						
								1500			**0**			**0**					
24	400/220 kV Pavagada S/s	14.318579N 77.385479E	SR		5x500 MVA, 400/220 kV	1x500 MVA, 400/220 kV	1						1	0			0	0	
							2						2						
							3						3						
							4						4						
							5	2050	Karnataka Solar Power Development Corporation Ltd.				5						
							6						6						
							7						7						
							8						8						Pavagada PS has been closed for all purpose regarding grant of Connectivity through new bay to potential RE projects.
							218	300	Project Ten Renewable Power Private Limited				218						
							221	200	Solar Energy Corporation of India Ltd				221						
							222	500	Ircon Renewable Power Ltd				11						
							223						12						
								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**					

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Stage-II 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.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Stage-II 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
							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**			**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**			**180**					
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**			**0**					
30	765/400/220kV Koppal-II PS		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. *Agreed for grant
								85	Tata Power Renewable Energy Ltd*										
								485			**0**			**115**					
31	400/220kV Gadag-II PS		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. *Agreed for grant
								170	Tata Power Renewable Energy Ltd*										
							3	160	Halvad Renewables Pvt. Ltd.				2	140					
							4	300	Green Infra Wind Energy Ltd.				3	0					
								830			**0**			**370**					
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, no application received till March, 2023
								0			**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, no application received till March, 2023
								0			**0**			**0**					

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Stage-II 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.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
34	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, no application received till March, 2023
								0			**0**			**0**					

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Stage-II 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.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Stage-II 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	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**			**0**					
36	765/400/220kV Bikaner S/s #	28 14 57 N, 73 22 55 E	NR	1x1500MVA, 765/400kV	2x1500MVA, 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 Connectvity in line with decision in 5th CMETS meeting held on 30.03.2022. Additional transmission capacity is palnned 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	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			**2200**					**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 accomodated due to technical limitation at Bhadla-II PS. Additional transmission capacity is palnned 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	600	SBE Renewables Fifteen Private Limited				A202	0					
							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 Technologica S.A.				A209	0					
								3895			**2050**			**0**		**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.	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 capcity (1x500MVA) is planned to meet N-1 criteria.
							212		(erstwhile Mahoba Solar (UP) Pvt. Ltd.)				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	500	Adani Renewable Energy Park Rajasthan Limited				A205	0					
							A206						A206						
							A209	500	Adani Renewable Energy Holding Four Ltd.				A209	0					
							A210		(erstwhile Adani Green Energy Four Limited)				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					
								4960			**500**			**0**		**0**			

Sl. No.	Name of Substation	Substation Coordinates	Region	Transformation Capacity (MVA)			RE Capacity Granted (Stage-II 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.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Stage-II 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
							202	400	Renew Surya Roshni Private Limited	2	900	Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Limited)*	202	0	2	0			
							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	600	Adani Renewable Energy Holding Four Ltd.				212	0					
							1		(erstwhile Adani Green Energy Four Limited)*				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	95					
								4305			**3500**			**95**		**300**			
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 trevocation of 675MW Connectivity granted to M/s Soltown, 675MW margin is available for connectivity .
							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					
								100	Onevolt Energy Private Limited										
							214	100	Grian Energy Private Limited				214	0					
								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 2	0					
							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 grant. Further, additional 919.2MW Stage-II Connectivity applications 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	300	ReNew Solar (Shakti Three) Private Limited				4	0					
							5	400	ReNew Solar Private Limited (200MW + 100MW) ReNew Dinkar Jyoti Private Limited (100 MW)				5	0					
							6	250	Khaba Renewable Energy Private Limited				6	50					
							7	400	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	Lucea 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					
								4355						**120**					
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 75MW Stage-II Connectivity 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 (Stage-II 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.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Stage-II Quantum (MW)	Name of Entity	Bay No.	Bay-wise Margins Available (MW)	Bay No.	Bay-wise Margins Available (MW)			
44	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	600	**Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Limited)	1	650	Adani Renewable Energy Holding Four Ltd. (500MW) Adani Solar Energy AP Three Ltd. (150MW)*	1	0	1	250	8		*Agreed to grant. **M/s Adani vide letter dtd 22/02/23 submitted their dissent for GNA transition for their 1500MW solar project in Ramgarh PS as per CERC (Connectivity & GNA to the ISTS) regulation 2022
							2						2	0					
							3	600	Adani Hybrid Energy Jaislamer Five Ltd. (erswhile Adani Renewable Energy Holding Fourteen Ltd.)	2	900	**Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Limited)	3	0	2	0			
							4						4	0					
								1200			**1550**			**0**		**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	400	TP Saurya Limited Sprng Nirjara Energy Pvt. Ltd. (50MW + 50MW)*				1	0			13		Bikaner-III PS is yet to be awrded. *Agreed to grant Additional 350MW Stage-II Connectivity application has also been received at Bikaner-III PS for which GNA Transition is under process.
								400						**0**					

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 availablity of land with in boundary limit. Boundary limit is 3 km radius of above plot (3 km from any of the corner).