

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

{ As on 30.09.2022 }

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 .
							202	250	Airpower Winfarms Pvt. Ltd.	2	500	Reliance Industries Ltd. (Bulk Consumer)	202	50					
							203	50.6	Powerica Ltd.	3			203	249.4					
							206	115	Torrent Power Ltd.				206	185					
							5	0	Vacant				5	300					
							6	0	Vacant				6	300					
							7	0	Vacant				7	300					
							666.4			800			1433.6		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)				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		NTPC Renewable Energy Ltd. (150MW)				208	0					
							206	300	Srijan Energy Systems Pvt Ltd				206	0					
							215	300	Green Infra Wind Energy Ltd.				215	0					
							216	250	Green Infra Wind Energy Ltd.				216	50					
							219	705	Adani Wind Energy Kutchn one Ltd.(175MW)				219	20					
							220		Adani Wind Energy Kutchn Three Ltd.(250MW)				220						
									Adani Wind Energy Kutchn Five Limited(130MW)										
									Adani Renewable Energy Eight Ltd. (150MW)										
							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												
12	300	NTPC Renewable Energy Ltd.				12	0												
							3816.0					85							
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; 4x500 MVA, 400/220 kV	1x1500 MVA, 765/400 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					
							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							

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)				
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		0			1	2500	Adani Renewable Energy Holding Four Limited			1	0	0	7	Presently, Khavda PS-1 is under construction stage. Transformation Capacity at 765/400kV Khavda PS-I is expandable up to 8x1500MVA ICTS
								0			2					2				
								0			3	1000	Adani Renewable Energy Holding Four Limited			3	250			
								0				3500					250			
6	Khavda PS-II		WR	0		2x1500MVA, 765/400kV		0			1	600	Gujarat State Electricity Corporation Ltd.			1	300			The co-ordinates of the S/s shall be provided by successful bidder of the project. Presently, Khavda PS-II is under bidding stage. Transformation Capacity at 765/400kV Khavda PS-II is expandable up to 9x1500MVA ICTS. @Agreed for grant of Stage-II Connectivity in the 11th CMETS in WR held on 30.09.2022.
								0			2	600	Gujarat Industries Power Company Ltd.			2	300			
											3	1555	NTPC Renewable Energy Ltd. (NTPC REL) (365MW+890MW+300MW@)			3	45			
								0				2755					645			
7	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		Radhanesda UMSP (GPCL)						4		Space for 4 nos. 220kV line bays has been identified for interconnection of Harshad SP. Augmentation of transmission system shall be required for power transfer beyond 950MW at Banaskantha (Radhanesda) PS. Transformation Capacity at 400/220kV Radhanesda PS is expandable up to 3x500MVA ICTS
										2		Radhanesda UMSP (GPCL)								
										3		Radhanesda UMSP (GPCL)								
										4	700	Radhanesda UMSP (GPCL)								
								700												
8	400/220kV Rajgarh (PG) (existing) S/s#	22.68222222° N, 74.92444444° E	WR	1x500 MVA, 400/220 kV (segregated from existing 220kV bus through bus section)	2x315 MVA, 400/220 KV		209	156.24	Sprng Vayu Vidyut Pvt Ltd.(55.44+50.4+50.4@)					209	143.76			1 @		@Agreed for grant of Stage-II Connectivity in the 11th CMETS in WR held on 30.09.2022. Injection of power would be on the extended bus through 220kV GIS line bays being terminated into planned 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			
9	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					1	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.
										1	324.4									
10	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 expandable 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			
11	Neemuch PS		WR			2x500MVA, 400/220kV				1				1				5	0	The co-ordinates of the S/s shall be provided by successful bidder of the project. Transformation Capacity at 400/220kV Neemuch PS is expandable up to 4x500MVA ICTS
										2	500	RUMSL (Neemuch SP)			2	100				
								500									100			
12	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)					1	NIL			3	2	Augmentation of transmission system shall be required for power transfer beyond 300MW in case of injection at 220kV level.
13	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)			
14	Kallam PS#	18°37'21.05"N, 75°52'17.08"E	WR	2x500MVA, 400/220kV		2x500MVA, 400/220kV	1	300	Renew Solar Power Pvt. Ltd.				1	0			0	6	Presently, Kallam PS is under construction stage. Transformation Capacity at 400/220kV Kallam PS is expandable up to 4x500MVA ICTS. @Agreed for grant of Stage-II Connectivity in the 11th CMETS in WR held on 30.09.2022.
							2	321.6	TEQ Green Power XI Pvt. Ltd. (201MW+99MW+21.6)				2	0					
							3	150	ReNew Green (MHP One) Pvt. Ltd. (117MW+33MW)				3	150					
							4	300	Anupavan Renewables Pvt. Ltd. (150MW) Viento Renewables Pvt. Ltd. (150MW)				4	0					
							5	201	Veh Aarush Renewables Pvt. Ltd.				5	99					
							6	300	JSW Neo Energy Ltd. (JSW NEL)@				6	0					
							7	210	Serentica Renewables India 4 Pvt. Ltd. (SRI4PL)@				7	90					
							1782.6						339						
15	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											1	1		
							0												
16	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					479.9	0						
17	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						
18	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						
19	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							
							1500					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)			
20	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		218							
							221	200	Solar Energy Cooperation of India Ltd	221		221							
							222	500	Ircon Renewable Power Ltd			11							
							223					12							
											3050		0		0				
21	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	175	Boreas Renewable Energy Pvt Ltd				216	0					
							216	125	Zentaris Renewables Energy Pvt. Ltd.				216	0					
							600		0		0								
22	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			0	NA	2		
										412	565	Greenko AP01 IREP Pvt. Ltd							
							0		1465		0								
23	400/220 kV Koppal S/s	15°21'55.49"N 75°59'24.61"E	SR		-	5x500 MVA, 400/220 kV	1	300	ReNew Surya Ojas Private Limited				1	0		0		Koppal PS has been closed for all purpose regarding grant of Connectivity through new bay to potential RE projects. *Agreed for grant	
							2	300	Ayana Renewable power Six Pvt Ltd				2	0					
							3	300	Adani Renewable Energy Holding Fifteen Ltd				3	0					
							4	300	Renew Solar Power Pvt. Ltd.				4	0					
							5	115	Tunga Renewable Energy Pvt Ltd				5	0					
								189.93	Tunga Renewable Energy Pvt Ltd										
								45.07	Tunga Renewable Energy Pvt Ltd										
							6	150	Project Ten Renewable Power Private Limited				6	0					
									Klelo Solar Power Private Limited*										
							7	300	Project Eight Renewable Power Private Limited				7	0					
							8	300	SolarOne Energy Private Limited				8	0					
9	210	Serentica Renewables India 1 Private Limited				9	0												
	90	Serentica Renewables India 1 Private Limited																	
							2600		0		0								
24	400/230 kV Karur S/s	10°50'34.10"N 77°39'32.91"E	SR		-	5x500 MVA, 400/230 kV	1	270	JSW Renew Energy Limited				1 no.	30		7			
							2	150	JSW Future Energy Ltd				1 no.	150					
							420		0		180								
25	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	1	160	Vena Energy Vidyuth Private Limited (VEVPL) (160MW)				1	140		0		Gadag PS has been closed for all purpose regarding grant of Connectivity through new bay to potential RE projects. *Agreed for grant	
							2	300	Renew Solar Power Pvt. Ltd.				2	0					
							3	170	Azure Power India Private Ltd (120 MW + 50 MW)				3	130					
							4	350	Green Infra Wind Energy Ltd (GIWEL) (180 MW + 120 MW* + 50 MW*)				4	0					
							5	285	Sterlite Power Technologies Pvt. Ltd. (165MW + 120 MW)				5	15					
							6	300	Renew Naveen Urja Pvt. Ltd				6	0					
							7	300	Project Eight Renewable Power Private Limited				7	0					
							8	300	SolarOne Energy Private Limited				8	0					
							2165		0		285								

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				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)			
26	765/400/220kV Koppal-II PS		SR	2x1500 MVA, 765/400kV & 4x500 MVA, 400/220 kV			1	400	TP Saurya Ltd.*				1	200					New Pooling Station planned and implementation is yet to start. *Agreed for grant
								400						200					
27	400/220kV Gadag-II PS		SR	4x500 MVA, 400/220 kV			1	200	TP Saurya Ltd.*				1	100					New Pooling Station planned and implementation is yet to start. *Agreed for grant
								200						100					

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)										
28	765/400/220kV Bhadla PS #	27 25 10 N, 72 04 20E	NR		3x1500MVA, 765/400kV, 7x500MVA, 400/220kV	1x500MVA, 400/220kV ICT	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														
							4				4	0														
							225	750	Essel Saurya Urja Company of Rajasthan Ltd.			225														
							226				226	0														
							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										
29	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 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											
30	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	0												
										410	1200	ACME Solar Holdings Ltd. (4 applications each 300MW)		410	0											
							0			2200			0		0											
31	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	2x1500MVA, 765/400kV, 3x500MVA, 400/220kV	2x1500MVA, 765/400kV, 5x500MVA, 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.							
							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			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		
32	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	2x500MVA, 400/220kV	4x1500MVA, 765/400kV, 5x500MVA, 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.							
							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	500	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													
													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)			
33	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.
							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. (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	95						
													4305						
34	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	0	0	Earlier due to technical limitations, it was decided that no new bays shall be allocated for grant of St-II Connectivity in line with the decision in 5th CMETS-NR meeting held on 30.03.2022. However, upon revocation of St-II Connectivity of Soltown infra(1800 MW),1800 MW quantum of St-II connectivity is released. Accordingly, 1800 MW connectivity can be allocated to other RE developers including Bikaner-III grantee(s), based on their application priority
							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			208	0						
							216	250	Sprng Nirjara Energy Private Limited (50MW) Juniper Green Cosmic Private Limited(100MW) Surya Manthan Renewable Energy Private (100MW)*			216	50						
							218	400	Serentica Renewables India Pvt. Ltd. (100MW + 300MW)			218	0						
							214	100	Onevolt Energy Private Limited			214	0						
								100	Grian Energy Private Limited										
								100	Amplus Ages Private Limited										
							201	300	ACME Solar Holdings Private Limited			201	0						
							213	400	Prerak Greentech Private Limited (340MW + 60MW)			213	0						
							1					1							
							2	550	ALF Solar Amarsar Private Limited (400MW + 150MW)			2	50						
							3	300	NHPC Ltd.			3	0						
4					4	0													
5	675	Soltown Infra Private Limited (200MW + 350MW* + 125MW*)			5	0													
						4410				1000			100		0				
35	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			1	380	ABC Renewable Energy Pvt. Ltd.				1	0		6		*Agreed to grant	
							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	340	Juniper Green Stellar Private Limited (100MW + 100MW + 60MW) Cannice Renewables Energy Pvt. Ltd. (80MW)*				8	0					
						2800						50							
36	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	16	*Agreed to grant	
						400				1000		0		0					
37	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	500	Adani Renewable Energy Holding Four Ltd. (erstwhile Adani Green Energy Four Limited)	1	0	1	400	8		
							2					2	0						
							3	600	Adani Hybrid Energy Jaislamer Five Ltd. (erstwhile 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				1400		0		400					

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)			
Disclaimer :- # In addition space provision has been kept for future I/c or drawl arrangement. 1. Boundary coordinates indicates the periphery within which the Sub-station is located. 2. Bay numbers are indicative in nature and may be co-related with SLD issued by concerned ISTS Licensee. 3. *The co-ordinates are tentative in nature and subject to change as per availability of land with in boundary limit. Boundary limit is 3 km radius of above plot (3 km from any of the corner).																			