



सेंद्रल ट्रान्समिशन यूटिलिटी ऑफ इंडिया लिमिटेड

(पावर ग्रिड कॉर्पोरेशन ऑफ इंडिया लिमिटेड के स्वामित्व में)

(भारत सरकार का उद्यम)

CENTRAL TRANSMISSION UTILITY OF INDIA LTD.

(A wholly owned subsidiary of Power Grid Corporation of India Limited)

(A Government of India Enterprise)

Ref: CTU/N/00/MoM_Reallocation of Bays_NR

Date: 05-07-2023

As per distribution list

Subject: Reallocation of Connectivity Bays at Fatehgarh-III, Bhadla-II PS & Bikaner-II PS in Northern Region- Minutes of Meeting

Dear Sir/Ma'am,

Please find enclosed minutes of the Meeting for Reallocation of Connectivity Bays at Fatehgarh-III PS, Bhadla-II PS & Bikaner-II PS in Northern Region held on 20th June, 2023 (Tuesday).

Thanking you,

Yours faithfully,

(Kashish Bhambhani)
General Manager(CTU)

Distribution List:

Chief Engineer (PSP&A – I) Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110 066	Member Secretary Northern Regional Power Committee 18A, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi – 110 016
Director (Power System) Solar Energy Corporation of India Ltd. D-3, 1 st Floor, A wing, Religare Building, District Centre, Saket, New Delhi-110017	Director (SO) Grid Controller of India Limited (erstwhile Power System Operation Corporation Ltd.) 9 th Floor, IFCI Towers, 61, Nehru Place, New Delhi-110 016
Executive Director Northern Regional Load Despatch Centre 18-A, Qutab Institutional Area, Shaheed Jeet Singh Sansanwal Marg, Katwaria Sarai, New Delhi– 110 016	

Distribution List: Applicants/Grantees

Shri Sandeep Jain Authorised Signatory Prerak Greentech Solar Private Limited L-11, First Floor, Green Park Extension South West Delhi -110016 Ph.: 8130696120, 9013414900 Email: sandeep@arightgreentech.com ajayperi@arightgreentech.com	Shri Radheshyam Goyal Head Projects Tepsol Sun Sparkle Private Limited Tepsol Saur Urja Private Limited D.No.8-2-610/68/1,2,3, Accord Blu, 5th Floor Road.No.10, Banjara Hills, Hyderabad Telangana Ph.: 9212176421, 9334398618 Email: radhe_goyal@enfinityglobal.com sandeep_anand@enfinityglobal.com
Shri Sudesh Pradhan Authorised Signatory Juniper Green Beta Private Limited Juniper Green Stellar Private Limited 1st Floor, Plot No. 18, Institutional Area Sector 32, Gurgaon, Haryana Ph.: 9928075525, 9810067467 Email: sudesh.pradhan@junipergreenenergy.com ankush.malik@junipergreenenergy.com pavan.gupta@junipergreenenergy.com	Shri Amit Kumar Vice President ReNew Solar (Shakti Six) Private Limited ReNew Dinkar Jyoti Private Limited ReNew Solar (Shakti Three) Private Limited ReNew Samir Shakti Private Limited ReNew Solar (Shakti Five) Private Limited Commercial Block-1, Zone-6, Golf Course Road, DLF City Phase-V, Gurugram, Haryana-122009 Ph.: 9717196796, 9873462717, 9542388443 Email: amit.kumar1@renewpower.in mohit.jain@renewpower.in solarbidding.qm@renewpower.in rohit.singh@renewpower.in

<p>Shri Namit Jain Authorized Signatory Abu Renewables India Private Limited Khaba Renewable Energy Private Limited 14th Floor Tower B Vatika Towers, DLF Golf Course Road Suncity Sector 54, Gurugram Haryana Ph.: 6366961569, 8951855363 Email: namit.jain@enel.com saurabh.gupta@enel.com omkareshwar.pandey@enel.com</p>	<p>Shri Lakshmi Narayan Authorized Signatory Seven Renewable Power Private Limited S2904, 29th Floor, World Trade Centre, Brigade Gateway Campus, Karnataka Ph.: 8800554749, 9840215825 Email: narayanan@ayanapower.com ananth@ayanapower.com</p>
<p>Shri Kumar Vipul Director Frugal Energy Private Limited Radiant Star Solar Park Private Limited D59, Sector 63, Noida, Uttar Pradesh Ph.: 9873122743, 9599709689 Email: vipul@provoltus.com info@provoltus.com nikhil@provoltus.com</p>	<p>Shri Sachin Khandelia Authorized Signatory Bhadla Three SKP Green Ventures Private Limited First floor, B2/18, Gandhi Path, Chitrakoot scheme vaishali nagar, Jaipur, Rajasthan Ph.: 9529833004, 9314055999 Email: casachinkhandelia@gmail.com sanjeev.choudhary@skpgreen.com</p>
<p>Shri Sourya Choudhary Authorised Signatory AMP Energy Green Private Limited 309, 3rd Floor, Rectangle One, Behind Sheraton Hotel, Saket, New Delhi Ph: 9320930693, 9910068527 Email: sourya.choudhary@gmail.com abhilashyadav905@gmail.com schoudhary@ampenergyindia.com ayadav@ampenergyindia.com</p>	<p>Shri Kapil Sharma Lead-CRM ABC Renewable Energy Private Limited ABC RJ Land 01 Private Limited. H.No.6-3-680/8/3, Plot no.3, 2nd Floor, PMR Plaza, Thakur Mansion Lane Somajiguda, Hyderabad – 500082 Telangana Ph.: 9502212277, 8657407724, 8008749990 Email: powerapprovals@axisenergy.in rambabu.m@axisenergy.in</p>
<p>Shri Sumit Joge DGM - Business Development Sprng Pavana Urja Private Limited Off A-001, Upper Ground, P-5, Pentagon Tower, Magarpatta City, Hadapsar, Pune-411013, Maharashtra Ph.: 9545556456, 9623457407 Email: sumitjoge@sprngenergy.com avinashmirajkar@sprngenergy.com</p>	<p>Shri Vikas Garg Director Cannice Renewables Energy Private Limited 401, D-1, 4th Floor, Salcon Rasvillas Saket District Centre, Saket, Delhi Ph.: 9910008653, 9196433270 Email: iyotiprakash.agarwal@statkraft.com lalit.mogha@statkraft.com</p>
<p>Shri Atul Bachikar Dy General Manager Luceo Solar Private Limited Unit No. 3, 4 & 5, Sixth Floor, Fountainhead Tower 2 Viman Nagar Pune Maharashtra -411014 Ph.: 9920644686, 8074341167 Email: atul.bachikar@engie.com kondala.rao@engie.com</p>	<p>Shri Arzaan Dordi Chief Manager Serentica Renewables India Private Limited 9th Floor, DLF Cyber Park, Sector 20, Udyog Vihar, Phase 3, Gurugram, Haryana Ph.: 7428197178, 9650506854 Email: arzaan.dordi1@serenticaglobal.com saurav.bagchi@serenticaglobal.com</p>

<p>Shri Kumar Vipul Director Helia Energy Park Private Limited C/o Provoltus Energy, Corporatedge, Level 6 Two Horizon Centre, Golf Course Road Gurugram, Haryana Ph.: 9873122743, 9971606343 Email: vipul@provoltus.com nikhil@provoltus.com</p>	<p>Shri Santosh Narayan Group Head Project Development TP Saurya Limited c/o The Tata Power Company Limited Corporate Centre, 34 Sant tukaram road Carnac Bunder Mumbai, Maharashtra- 400009 Ph.: 9223550695, 9930672826 Email: prashanthkudva@tatapower.com narayans@tatapower.com</p>
<p>Shri Chaitanya GvIk Vice President Proteus Energy Private Limited 9th Floor, My Home Twitza, Plot No.30/A, TSIC Hyderabad Knowledge City, Raidurg Hyderabad, Telangana- 500081 Ph.: 9623470996, 9951185505 Email: cgvIk@vibrantenergy.in hjinaga@vibrantenergy.in</p>	

Minutes of meeting for Reallocation of Connectivity Bays at Fatehgarh-III , Bhadla-II PS & Bikaner-II PS held on 20.06.2023

A meeting for Reallocation of connectivity bays at Fatehgarh-III, Bhadla-II PS & Bikaner-II PS vacated post GNA Transition to other Grantees/applicants in Rajasthan RE complexes was held on 20.06.2023. List of participants is enclosed at **Annexure-I**. Dy (COO) CTU, welcomed all the participants in the meeting. Applicants were asked to confirm the application priority mentioned in the agenda based on application dates. As no comments were received from any RE developers it was informed that the given details shall be considered in determining priority.

In the meeting, it was deliberated that Hon'ble CERC vide notification dated 01-04-2023 has issued First Amendment of GNA Regulations and notified that the effective date of Regulation 37.1 to 37.8 shall be 05-04-2023 in place of 15-10-2022. In line with the regulation, transition options were to be exercised by the concerned entities afresh on the basis of their status as on 05-04-2023 within one month from date of coming into effect of the GNA Regulations i.e. by 04-05-2023.

It was also informed that after scrutiny of the GNA transition options (opted/not opted) received by CTUIL, it is observed that some of the applicants have surrendered the connectivity & LTA at Bhadla-II PS, Fatehgarh-II PS & Fatehgarh-III PS. Further, St-II connectivity granted to M/s SOLTOWN (675MW) at Bikaner-II PS has been revoked by CTUIL on 05.04.2023 after which, 675MW margin is available for grant at Bikaner-II PS. The bays vacated at these substations post surrender/revocation may be allotted to other RE developers based on their application priority, consent for GNA Transition and willingness.

The list of the surrendered applicants/grantees in Rajasthan RE complex post GNA Transition are as below:

Table 1

S. No.	Applicant Name	St-II Application No.	St-II Connectivity (MW)	LTA Application No.	RE Pooling Station	Scope of Bay	Bay Status
1	Adani Renewable Energy Holding Four Limited	1200002683	1500	1200003686: 1000MW 1200003687: 500MW	Fatehgarh-III PS • Sect-1:300 MW (220 kV- 1 bay) • Sect- 2: 1200 MW	ISTS 400 kV – 1 no. 220 kV – 2 nos.	220 kV line bay at Sec-1 awarded & under implementation.

S. No.	Applicant Name	St-II Application No.	St-II Connectivity (MW)	LTA Application No.	RE Pooling Station	Scope of Bay	Bay Status
					900 MW - 400 kV(1 bay) 300 MW - 220 kV(1 bay)		Sec-2 line bays (400 kV -1 no. & 220 kV- 1 no.) not awarded yet.
2	Adani Renewable Energy Holding Four Limited	1200002682	1500	1200003688	Ramgarh PS	ISTS 400 kV – 1 no. 220 kV – 2 no.	Not Awarded
3	Adani Hybrid Energy Jaisalmer Five Ltd.	1200003073	600	1200003405	Ramgarh PS	ISTS 220 kV – 2 no.	Not Awarded
4	Adani Renewable Energy Holding Eighteen Private Limited	1200002556	600	Not Applied	Bhadla-II PS	ISTS 220 kV – 2 no.	Awarded & under implementation
5	Adani Renewable Energy Park Rajasthan Limited	1200002410	500	1200003764-150 MW	Fatehgarh-II PS	ISTS 220 kV – 2 no.	Awarded & under implementation
6	Sprng Nirjara Energy Private Limited	0312100011	50	Not Applied	Bikaner-III PS	No bay allocated. Connectivity was granted on sharing basis with TP Saurya (300 MW)	NA
7	Sprng Nirjara Energy Private Limited	1670102829414	50	Not Applied	Bikaner-III PS		
Total			4800				

It was noted that bays corresponding to surrendered connectivity at Bhadla-II (2 nos. 220 kV), Fatehgarh-II(2 nos. 220 kV) & Fatehgarh-III (Sec-1) (1 no. 220 kV) are already under implementation.

As informed earlier, connectivity capacity surrendered shall be allotted to other RE developers in proximity to these Pooling stations based on their application priority subject to consent for GNA Transition and willingness, however, Fatehgarh-II PS is located inside the additional Important area identified by the supreme court constituted GIB committee. Due to this reason, many applicants who have been granted connectivity at Fatehgarh-II PS are still awaiting to get clearance for their overhead DTL from the GIB committee. In view of the above, the connectivity capacity surrendered at Fatehgarh-II PS (500 MW) is not considered for reallocation option till

clarity of GIB clearance of other RE developers DTL at Fatehgarh-II PS. Further, considering GIB clearance issues, developer at Fatehgarh-II PS has also showed willingness to shift their connectivity to Fatehgarh-III PS. M/s Eden Renewables Pvt. Ltd. vide letter dated 20.05.2023, requested shifting of connectivity to nearest alternative ISTS Substation i.e. Fatehgarh-III PS due to non-receipt of permission from Supreme Court constituted GIB committee for laying of overhead Transmission line to Fatehgarh-II PS. However, decision of GIB committee on Eden is not yet received & interconnecting bays for M/s Eden is also under advanced stage of implementation at Fatehgarh-II PS.

Further, Fatehgarh-III PS(Sec-1) was initially planned for 1.9 GW capacity which is currently under implementation as Part of Phase-II Part-A. At present 1980 MW of connectivity is granted at Fatehgarh-III PS(Sec-1). The power from Fatehgarh-III (Sec-1) will be evacuated through 400 kV D/c lines towards Fatehgarh-II PS & Jaisalmer-II(RVPN) S/s. However, due to pending clearance from GIB committee, 400 kV Fatehgarh-II PS – Bhadla-III PS is delayed as part of Phase-III scheme. Further, as per the new Manual on transmission planning criteria published in March 2023, 'N-1' reliability criteria need to be considered for ICTs at the ISTS /STU pooling stations for renewable energy based generation of more than 1000 MW. Moreover, intra state transmission system beyond Jaisalmer-2(RVPN) planned by RVPN which involves 765 kV corridors from Jaisalmer towards Jodhpur(Kankani) & Jaipur(Phagi) is also not yet tendered by RVPN, & therefore will be substantially delayed with respect to earlier timeline(matching with Ph-II/Ph-III System).

POWERGRID vide mail dated 23/05/23 has confirmed that space is available only for 5th 500 MVA ICT at Fatehgarh-III PS(Sec-1). To ensure N-1 reliability Criteria as per CEA Manual on transmission planning (Mar'23) at Fatehgarh-III PS (sec-1), the connectivity of RE projects need to be restricted to below 2000 MW. Therefore, for optimal utilization of the transmission system for evacuation of power from Fatehgarh-III PS(Sec-1), it is proposed to utilize the 1 no. of 220 kV bay vacated at Section-1 for interconnection of upcoming BESS of 2x250 MW which is proposed to be connected at 220 kV Fatehgarh-III PS through 2 no of bays (Agreed in 17th CMETS held on 31/03/2023). SECI's Standard Battery Energy Storage Purchase Agreement (BESPA) mandates that the discharge of BESS shall take place subject to the transmission constraints such as peak solar hours, at the ISTS substation.

Accordingly, 1200 MW capacity of connectivity at Fatehgarh-III PS (Sec-2) (900 MW at 400 kV(1 bay) & 300 MW at 220 kV(1 bay-Sec-2)), 600 MW capacity of connectivity at Bhadla-II PS(220 kV -2 bays) & 675 MW capacity of connectivity at Bikaner-II PS (220 kV -2 bays) were only considered for reallocation in meeting.

Under connectivity regulation 2009, LTA & connectivity were different products. Grant of connectivity involved connectivity transmission system for interconnection of generation project with ISTS as well as allocation of bay at pooling station whereas LTA involved allocation of transmission system for onward transfer of power.

However, under GNA regulation, connectivity is a merged product i.e. connectivity comes with deemed GNA (in place of LTA). Therefore, grant of connectivity under GNA regulations not only involves allocation of bays along with connectivity transmission system but also involve allocation of transmission system for onward transfer of power.

For applicants with both connectivity & LTA, transmission system for onward transfer is already allocated. However, for applicants with only connectivity, transmission system is yet to be allocated. Therefore, under GNA regime, for reallocation of bays as well as onward transmission system, priority is being proposed to be accorded to grantees/applicants with both Connectivity & LTA over connectivity only. Further, after allocation to grantees/applicants with both Connectivity & LTA, the remaining shall be offered to Stage-II connectivity grantees/applicants. Inter se priority among applicants shall be as per their application date & timestamp.

In line with above, the deliberations held on reallocation of bays at various ISTS Pooling stations wise Details are as follows:

A. Bikaner-II PS

It was stated that St-II connectivity granted to M/s SOLTOWN (675MW) (2 no. 220 kV bays under developer's scope) at Bikaner-II PS has been revoked by CTUIL on 05/04/2023. Since the Bikaner-II S/s was already closed for fresh connectivity due to technical limitations, applicants Grantees/Applicants with St-II connectivity at Bikaner-III PS may be allocated upto 675 MW (2 nos. bay) at Bikaner-II PS based on their application priority subject to consent for GNA Transition and willingness. List of Grantees/applicants with St-II connectivity at Bikaner-III PS based on their application priority are as below:

Table 2: Grantees/Applicants with Stage-II Connectivity at Bikaner-III PS

S. No.	Applicant Name	Stage-II Application Number	Stage-II Application Date	Stage-II Quantum (MW)
1	TP Saurya Limited	0212100025	30-Sep-22	300
2	Proteus Energy Private Limited (Under Process)	0212100042	10-Mar-23	217

Following are the decisions of the RE developers in opting to shift to Bikaner-II PS from Bikaner-III PS.

Table 3: Grantees/Applicants with Stage-II Connectivity at Bikaner-III PS

S. No.	Applicant Name	Stage-II Application Number	Stage-II Application Date	Stage-II Quantum (MW)	Decision on Reallocation
1	TP Saurya Limited	0212100025	30-Sep-22	300	Not opted
2	Proteus Energy Private Limited (Under Process)	0212100042	10-Mar-23	217	Opted for Reallocation from Bikaner-III to Bikaner-II PS .The intent to shift was also communicated vide letter dated 26.05.23.

M/s TP Saurya stated that, in view of their project location, they would like to maintain their connectivity at Bikaner-III PS. M/s TP Saurya vide email dated 20.06.2023 reiterated the same. M/s Proteus in the meeting opted for reallocation of their connectivity to Bikaner-II PS and requested for bay development under ISTS. In the letter dated 26.05.23, M/s Proteus informed that their project is 7kms away from Bikaner-II PS and 23kms (Aerial) from Bikaner-III PS. After deliberations it was decided to allocate 1 no. of 220 kV bay at Bikaner-II PS to M/s Proteus Energy Pvt. Ltd. It was also informed that after reallocation of M/s Proteus, 1 no. of 220 kV bay and margin of 458MW is available at 220kV level of Bikaner-II PS for grant(including the margin available in bay reallocated to M/s Proteus on sharing basis). The same will be offered to new applications applied under GNA based on application priority and willingness.

B. Bhadla-II PS

It was stated that 600 MW of Stage-II connectivity granted to M/s Adani Renewable Energy Holding Eighteen Private Limited at 220 kV Section-2(bays 2 No) of Bhadla-II PS is surrendered. The corresponding two no. of 220 kV line bays are already under implementation in ISTS and expected to be commissioned in Jul'23. The same is proposed to be allocated to Grantees/Applicants at Bhadla-III PS based on their priority as mentioned earlier subject to consent for GNA Transition and willingness with priority to applicants with both connectivity & LTA over applicants with only Connectivity. Since the Bhadla-II PS is already closed for grant of fresh connectivity due to technical limitations, 600 MW capacity from Bhadla-III PS can be shifted to 220 kV bays (2 no.) vacated at Bhadla-II PS.

Based on the above, M/s Prerak in the meeting opted to shift their connectivity & LTA of 400MW from Bhadla-III PS to Bhadla-II PS at 220kV level at one vacated bay. CTU enquired about commissioning schedule of M/s Prerak generation project and stated that

220kV bays at Bhadla-II PS will be ready in next month and onward evacuation system is also expected in Sep'24 (Ph-II, Part E). M/s Prerak informed that project is in advance stage with schedule commissioning date of Jan'25. It was also informed that in case of delay of M/s Prerak generation project from the scheduled commissioning date, transmission charges will be applicable as per Sharing regulation.

It was stated that after allocation of 400MW at 1 no. of 220 kV bay to M/s Prerak, margin of 200MW is available on second vacated bay. It was deliberated that the LTA quantum of 150 MW corresponding to 500MW connectivity at Fatehgarh-II PS is also surrendered. As informed earlier, Fatehgarh-II PS is located inside the additional Important area identified by the supreme court constituted GIB committee. In view of that, considering surrendered 150MW evacuation capacity at Fatehgarh-II PS, about 100MW additional evacuation margin will be available for evacuation from Bhadla-II PS onwards transmission lines as major portion of Fatehgarh-II PS power shall evacuate through 765kV Fatehgarh-II-Bhadla-II 2xD/c line. This will also optimally utilize the other vacated bay capacity for 300MW (incl. 200MW earlier margin) as well as transmission system beyond Bhadla-II PS. Therefore, available 300MW (700MW-400MW) margin was offered to other applicants in the queue. M/s Tepsol informed that they shall retain their connectivity at Bhadla-III PS in view of their project location.

M/s Juniper Green stated that they want to reallocate their 300MW (100+150+50) from their 3 nos. of LTA applications to Bhadla-II PS. CTU enquired about the status of their generation project and relative distance of their project from Bhadla-II PS and Bhadla-III PS.

M/s Juniper stated that, the expected commissioning date of their project is Jun'25 for 150MW and Dec'25 for balance 150MW .The generation project location is about 20kms from Bhadla-III PS and about 45kms from Bhadla-II PS, however they M/s Juniper informed that they also have land near Bhadla-II PS which may be considered as new location for above applications (100+150+50). CTU stated that M/s Juniper was granted connectivity for 300MW on L&FC route and it is not possible to change the location of above project from earlier location provided by M/s Juniper, as that was the eligibility criteria for their grant of connectivity. However, they may apply afresh application in GNA regulation for seeking connectivity at Bhadla-II PS and based upon the application priority, application will be processed. CTU also stated that tentative commissioning schedule of Bhadla-III PS and onwards EHVAC transmission is Jan'25. M/s Juniper stated that they need some time to discuss on above matter with their management and revert later after meeting, however CTU informed that they need to confirm their decision in the meeting only as uncertainty will impact the margin/bay availability to other RE applicants in queue. Considering the project commissioning schedule and shorter distance from Bhadla-III PS, M/s Juniper agreed to retain their present connectivity/LTA at Bhadla-III PS.

Subsequently, all other applicants i.e. M/s Renew, Abu renewables, Seven Renewables, Frugal Energy & Bhadla Three SKP in queue at Bhadla-III PS informed that they are not willing to opt for reallocation to Bhadla-II PS.

The list of applicants granted at Bhadla-III PS based on their application date priority and decision in meeting is as under:

Table 4 : Grantees/Applicants with both St-II Connectivity & LTA at Bhadla-III PS

S. No.	LTA Applicant Name	LTA App. No.	LTA App. Date	LTA Quantum (MW)	Decision on Reallocation
A	Grantees/Applicants with both St-II Connectivity & LTA at Bhadla-III PS				
1	Prerak Greentech Solar Private Limited (LTA Under Process)	1671216520154	17-Dec-22	400	Opted for Reallocation to Bhadla-II PS (220 kV bay(1 no.) - 400 MW)
2	Tepsol Sun Sparkle Private Limited (LTA Under Process)	1672319027575	29-Dec-22	300	Not Opted
3	Juniper Green Beta Private Limited (LTA Under Process)	412100012	30-Dec-22	150	Not Opted
4	Juniper Green Beta Private Limited (LTA Under Process)	412100013	30-Dec-22	100	Not Opted
5	Juniper Green Beta Private Limited(LTA Under Process)	412100027	12-Apr-23	50	Not Opted
B	Grantees/Applicants with Stage-II Connectivity at Bhadla-III PS				
S. No.	LTA Applicant Name	Application Number (St-II)	St-II Application Date	Balance St-II Quantum (MW)	Opted/Not opted for Reallocation
1	ReNew Solar (Shakti Six) Private Limited	1200003848	31-Mar-22	550	Not Opted
2	ReNew Solar (Shakti Six) Private Limited	0312100004	06-Jul-22	450	Not Opted
3	Abu Renewables India Private Limited	0212100026	30-Sep-22	340	Not Opted
4	Seven Renewable Power Private Limited	0212100028	17-Oct-22	300	Not Opted
5	Frugal Energy Private Limited	0212100031	29-Oct-22	50	Not Opted

6	Bhadla Three SKP Green Ventures Private Limited	0212100033	09-Nov-22	300	Not Opted
---	---	------------	-----------	-----	-----------

C. Fatehgarh-III PS

It was deliberated that Fatehgarh-III PS is currently under implementation by POWERGRID in two sections. Section-1 of Fatehgarh-III PS is currently under advanced stage of implementation as Part of Phase-II Part-A. The power from Fatehgarh-III (Sec-1) will be evacuated through 400 kV D/c lines towards Fatehgarh-II PS & Jaisalmer-II(RVFN) S/s. Section-2 of Fatehgarh-III PS is taken up for implementation by POWERGRID as part of Phase-III Part E1 scheme in matching timeframe of other packages of Phase-III scheme.

It was stated that in Fatehgarh-III PS Sec-1, capacity up to 300 MW can be reallocated to applicants granted LTA/connectivity at Fatehgarh-IV PS, however space is available only for 5th 500 MVA ICT at Fatehgarh-III (Sec-1) and with 300MW addition at 220kV level of section-1, total RE capacity will become 2280MW at Fatehgarh-III PS (Sec-1). As per new CEA manual on transmission planning criteria (Mar'23), N-1' reliability criteria may be considered for ICTs at the ISTS /STU pooling stations for renewable energy based generation of more than 1000 MW. In view of that connectivity of RE projects at Fatehgarh-III PS (Sec-1) needs to be restricted to below 2000 MW due to ICT limitation at Fatehgarh-III PS (Sec-1) to fulfill above criteria. Therefore, in view of requirement of optimal utilization of system, it was decided that the vacated bay at Fatehgarh-III PS (Sec-1) shall be allocated to upcoming BESS as SECI's Standard Battery Energy Storage Purchase Agreement (BESPA) mandates that the discharge of BESS shall take place subject to the transmission constraints such as peak solar hours, at the ISTS substation.

Further, in Fatehgarh-III PS (Sec-2), capacity up to 1200 MW can be reallocated to Grantees/Applicants at Fatehgarh-IV PS. For this, 900 MW at 400 kV bay (1 no.) & 300 MW at 220 kV bay(1 no.) can be accommodated on vacated margin at Fatehgarh-III PS (Sec-2) based on their priority as mentioned earlier subject to consent for GNA Transition and willingness. In this case, reallocation option shall be offered first to Fatehgarh-IV (Sec-1) grantees/applicants with priority to applicants with both connectivity & LTA over applicants with only Connectivity. Any remaining capacity shall be offered to Fatehgarh-IV (Sec-2) grantees/applicants (in priority to applicants with Connectivity & LTA over applicants with only Connectivity), as both the stations (Sec-1 & Sec-2) of Fatehgarh-IV PS are being developed in different phases & timelines.

M/s Eden Renewables Pvt. Ltd. vide letter dated 20.05.2023, requested shifting of connectivity to nearest alternative ISTS Substation i.e. Fatehgarh-III due to non-receipt of permission from Supreme Court constituted GIB committee for laying of overhead Transmission line to Fatehgarh-II PS. However, decision of GIB committee is not yet received & interconnecting bays for M/s Eden is also under advanced stage of implementation.

In the meeting, SECI stated that many generation project who have been granted connectivity at Fatehgarh-II S/s and awaiting DTL clearance from the GIB committee, may also be included for reallocation for vacated margin at Fatehgarh-III PS. SECI asked that Fatehgarh-II grantees including M/s Eden must have been invited for this meeting. CTU stated that GIB committee decision has not been received yet for the developers at Fatehgarh-II PS & CTU cannot change the connectivity granted to these applicants on suo-moto basis as their bays are already under advanced stage of implementation. This would also require directions from the Ministry. For the same reason, applicants granted connectivity at Fatehgarh-II are not considered for reallocation and the same were not invited by CTUIL for reallocation meeting.

However, SECI insisted to keep reallocation of 220 kV Fatehgarh-III PS on hold for allocation to developers at Fatehgarh-II PS. After deliberations, it was decided that the provisional reallocation to Fatehgarh-IV applicants will be carried out. However, in case CTUIL receives any direction from the Ministry to specifically allocate these bays and available margin, the same will be considered and the connectivity of applicants opting to shift to Fatehgarh-III PS will be restored at Fatehgarh-IV PS.

In view of the above, it was decided that reallocation of 900MW at 400kV level of Fatehgarh-III PS (Section-2) shall be considered at present, however option for 300MW at 220kV level of Fatehgarh-III PS (Section-2) shall be allocated to Fatehgarh-IV PS applicant provisionally. The same will be confirmed once the transition process is completed. However, in case CTUIL receives any direction from the Ministry to specifically allocate these bays along with available margin, the same will be considered and the connectivity of applicants opting to shift to Fatehgarh-III will be restored at Fatehgarh-IV PS.

Table 5: Reallocation to Fatehgarh-III (SEC-2) from Fatehgarh-IV PS (Section-1)

S. No.	Applicant Name	LTA App. No.	LTA App. Date	LTA Quantum (MW)	Opted/Not opted for Reallocation
Grantees/Applicants with both St-II Connectivity & LTA at Fatehgarh-IV PS(Sec-1)					
1	AMP Energy Green Pvt. Ltd.	1200003416	24-Aug-21	130	Not opted
2	ABC Renewable Energy Pvt. Ltd.	1200003531	20-Nov-21	380	Not opted
3	ReNew Dinkar Jyoti Private Limited	1200003879	20-Apr-22	100	Opted to 400kV level at Fatehgarh-III PS (Section-2)
4	Amp Energy Green Pvt. Ltd. (Under Proces)	412100019	24-Jan-23	120	Not opted
Grantees/Applicants with Stage-II Connectivity at Fatehgarh-IV PS(Sec-1)					

S. No.	Applicant Name	Stage-II App. No.	Stage-II App. Date	Balance St-II Quantum (MW)	Opted/Not opted for Reallocation
5	ABC RJ Land 01 Pvt. Ltd.	1200003332	08-Jul-21	110	Not opted
6	ReNew Solar (Shakti Three) Pvt. Ltd.	1200003447	14-Sep-21	300	Opted to 400kV level at Fatehgarh-III PS (Sec-2) in sharing with ReNew Dinkar Jyoti
7	Khaba Renewable Energy Pvt. Ltd.	1200003502	28-Oct-21	250	Opted to 220kV level at Fatehgarh-III PS (Sec-2) **
8	ReNew Samir Shakti Private Limited	1200003504	29-Oct-21	100	Opted to 400kV level at Fatehgarh-III PS (Sec-2) in sharing with ReNew Dinkar Jyoti & ReNew Solar (Shakti Three)
9	ReNew Samir Shakti Private Limited	1200003514	07-Nov-21	100	Opted to 400kV level at Fatehgarh-III PS (Sec-2) in sharing with ReNew Dinkar Jyoti & ReNew Solar (Shakti Three)
10	ReNew Samir Shakti Private Limited	1200003562	28-Nov-21	100	Opted to 400kV level at Fatehgarh-III PS(Sec-2) in sharing with ReNew Dinkar Jyoti & ReNew Solar (Shakti Three)
11	ABC RJ Land 01 Private Limited	1200003575	23-Dec-21	270	Not opted
12	Sprng Pavana Urja Private Limited	1200003719	16-Feb-22	50	Not opted
13	AMP Energy Green Private Limited	0312100007	31-Aug-22	50	Not opted

**** Provisional. In case of any directions from the Ministry to CTU to grant these bays and available margin to Fatehgarh-II PS grantees, the connectivity of M/s Khaba shall be restored at Fatehgarh-IV(Sec-1)**

After reallocation option exercised by Fatehgarh-IV (Sec-1) grantees, margin of 200MW (900MW-700MW) at Fatehgarh-III (Sec-2) at 400 kV level on sharing basis with Renew and 50 MW (Provisional) at 220 kV level on sharing basis with M/s Khaba is still available. The same was offered to Grantees/Applicants at Fatehgarh-IV PS(Sec-2) in their application priority. M/s Renew Solar (Shakti Five) Private Limited (1200003496) opted to shift 100 MW to Fatehgarh-III PS at 400 kV on sharing basis. All other grantees/applicants

confirmed not opting for reallocation at Fatehgarh-III PS (Sec-2) on sharing basis with above available margin and confirmed that they wish to continue at Fatehgarh-IV PS.

Table 6: Reallocation to Fatehgarh-IV (SEC-1) from Fatehgarh-IV PS(Sec-2)

S. No.	Applicant Name	LTA App. No.	LTA App. Date	LTA Quantum (MW)	Opted/Not opted for Reallocation
<u>Grantees/Applicants with both St-II Connectivity & LTA at Fatehgarh-IV PS(Sec-2)</u>					
1	Juniper Green Stellar Pvt. Ltd.(LTA under Process)	412100009	30-Dec-22	150	Not opted
2	Juniper Green Stellar Pvt. Ltd.(LTA under Process)	412100010	30-Dec-22	150	Not opted
3	Juniper Green Stellar Private Limited	412100011	30-Dec-22	65	Not opted
<u>Grantees/Applicants with Stage-II Connectivity at Fatehgarh-IV PS(Sec-2)</u>					
1	ReNew Solar (Shakti Five) Private Limited	1200003488	11-Oct-21	200	Not opted
2	ReNew Solar (Shakti Five) Private Limited	1200003496	20-Oct-21	100	Opted in sharing with Renew Dinkar (100MW), ReNew Solar (Shakti Three : 300MW) & ReNew Samir Shakti (300MW)
3	ReNew Solar (Shakti Five) Private Limited	1200003749	25-Feb-22	100	Not opted

After the willingness of applicants at Fatehgarh-IV PS(sec-1) to shift to Fatehgarh-III PS, 950 MW of connectivity(including 250 MW provisional reallocation to M/s Khaba) at Fatehgarh-IV PS(Sec-1) is shifted to Fatehgarh-III PS (sec-2). Therefore, remaining Grantees/Applicants at Fatehgarh-IV(Sec-2) were given option to shift to Fatehgarh-IV PS(Sec-1) for 700 MW and additional 250 MW (provisional basis) as explained earlier.

After deliberations, M/s Juniper Green Steller 365 MW(150+150+65) & M/s Renew 300 MW(200+100) opted to shift their connectivity to Fatehgarh-IV (Sec-1) from Fatehgarh-IV (Sec-2). Upon this reallocation, 35 MW(700-365-300) of margin remains available at Fatehgarh-IV PS(Sec-1). If provisional shifting to M/s Khaba(250 MW) to Fatehgarh-III PS is considered, then about 285 MW (250MW+35MW) of margin remains available at Fatehgarh-IV(Sec-1) PS. M/s Serentica & M/s Tepsol both opted to shift to Section-1 provisionally in case M/s Khaba is shifted to Fatehgarh-III PS. Due to higher priority of M/s Serentica in queue, it was decided to provisionally shift M/s Serenticato Section-1 of Fatehgarh-IV PS subject to shifting of M/s Khaba to Fatehgarh-III PS (Sec-2).

Table 7: Grantees/Applicants with both St-II Connectivity & LTA at Fatehgarh-IV PS(Sec-2)

S. No.	Applicant Name	LTA App No.	LTA App. Date	LTA Quantum (MW)	Opted/Not opted for Reallocation
1	Juniper Green Stellar Pvt. Ltd.(LTA under Process)	412100009	30-Dec-22	150	Opted
2	Juniper Green Stellar Pvt. Ltd.(LTA under Process)	412100010	30-Dec-22	150	Opted
3	Juniper Green Stellar Private Limited	412100011	30-Dec-22	65	Opted
Grantees/Applicants with Stage-II Connectivity at Fatehgarh-IV PS(Sec-2)					
1	ReNew Solar (Shakti Five) Private Limited	1200003488	11-Oct-21	200	Opted
2	ReNew Solar (Shakti Five) Private Limited	1200003496	20-Oct-21	100	NA(Already opted to Fat-III PS)
3	ReNew Solar (Shakti Five) Private Limited	1200003749	25-Feb-22	100	Opted
4	Cannice Renewables Energy Pvt. Ltd.	0212100004	27-Aug-22	80	Not opted
5	Luceo Solar Private Limited	0212100032	07-Nov-22	200	Not opted
6	Cannice Renewables Energy Pvt. Ltd.	1671600589106	21-Dec-22	150	Not opted
7	Serentica Renewables India Private Limited	212100034	11-Jan-23	300	Opted**
8	Luceo Solar Private Limited	312100018	26-Jan-23	100	No further margin available to shift
9	Serentica Renewables India Private Limited	212100036	30-Jan-23	300	No further margin available to shift
10	Radiant Star Solar Park Private Limited	212100037	13-Feb-23	200	No further margin available to shift
11	Helia Energy Park Private Limited	212100035	13-Feb-23	200	No further margin available to shift
12	Tepsol Saur Urja Private Limited (Under Process)	0212100043	31-Mar-23	300	No further margin available to shift
13	Cannice Renewables Energy Pvt. Ltd. (Under Process)	312100019	12-Apr-23	90	No further margin available to shift

**** Provisional. only if M/s Khaba (250 MW) is shifted to Fatehgarh-III PS (Sec-2), otherwise Connectivity of M/s Serentica shall remain at Fatehgarh-IV(Sec-2)**

Summary of deliberations

After deliberations, the reallocation of bays at Bhadla-II PS & Bikaner-II PS was finalized. However, at Fatehgarh-III PS, the vacated bays were reallocated for some applicants on provisional basis. It was deliberated that after reallocation, some margin is still available

at Fatehgarh-III PS (section-2), Bhadla-II PS and Bikaner-II PS and the same will be offered to the new applicants who apply for connectivity under GNA regulation based on their priority and willingness. The same shall also be updated on the CTUIL website.

Further, based on SECI request to consider GIB clearance issues for developers at Fatehgarh-2 PS for reallocation and consequent provisional reallocation to developers at Fatehgarh-IV PS (Sec-1 & 2), another meeting shall be held in 2nd week of July'23 for finalization of allocation.

Meeting ended with vote of thanks.

-----X-----

Annexure-I

List of Participants of Meeting for Reallocation of Connectivity Bays at Fatehgarh-III PS, Bhadla-II PS & Bikaner-II PS in Northern Region held on 20.06.2023

SECI

Shri R.K.Agarwal Consultant

CTU

Shri Ashok Pal Dy.COO (CTU)
Shri Jasbir Singh CGM (CTU)
Shri Kashish Bhambhani GM (CTU)
Shri Sandeep Kumawat DGM (CTU)
Smt. Ankita Singh Ch. Manager (CTU)
Shri Narendra Sathvik R Manager (CTU)
Shri Yatin Sharma Manager (CTU)
Shri Roushan Kumar Engineer (CTU)
Shri Madhusudan Meena Engineer (CTU)

Applicants/Grantees

Shri Abhilash Yadav AMP Energy Green Private Limited
Shri Ankur Sharma AMP Energy Green Private Limited
Shri Prashant Kanaujia ABC Renewable Energy Private Limited

Smt.Sonika Hayaram	Abu Renewables India Private Limited
Shri. Farrukh Aamir	Abu Renewables India Private Limited
Shri Anil Kumar	Cannice Renewables Energy Private Limited
Shri Brijit Shetty	Frugal Energy Private Limited
Shri Akshay Kumar	Frugal Energy Private Limited
Smt. Divya Bhagat	Helia Energy Park Private Limited
Shri Sudesh Pradhan	Juniper Green Beta Private Limited
Shri Pavan Kumar Gupta	Juniper Green Beta Private Limited
Shri Namit Jain	Khaba Renewable Energy Private Limited
Shri Jitendra Singh	Prerak Greentech Solar Private Limited
Shri Ajay Peri	Prerak Greentech Solar Private Limited
Shri Pritesh Lodha	Proteus Energy Private Limited
Shri Mohit Jain	ReNew Power Private Limited
Shri Amit Kumar	ReNew Power Private Limited
Shri Rohit Singh	ReNew Power Private Limited
Shri Kumar Vipul	Radiant Star Solar Park Private Limited
Shri Sumit Kumar	Seven Renewable Power Private Limited
Smt. Poorva Pitke	Sprng Pavana Urja Private Limited
Shri Vishal Saxena	Serentica Renewables India Private Limited
Shri Saurav Bagchi	Serentica Renewables India Private Limited
Shri Girish Deveshwar	Serentica Renewables India Private Limited
Shri Sandeep Anand	Tepsol Sun Sparkle Private Limited
Shri Santosh Narayan	TP Saurya Limited