



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)

संदर्भ/Ref: CTU/NSEFI/10<sup>th</sup>-MoM

दिनांक/Date: 21-06-2024

प्रति/To,

The CEO, NSEFI

135-137, 1<sup>st</sup> Floor, Rectangle-1,  
D-4, Saket District Centre, New Delhi,  
Delhi-110017

विषय/subject: आरई डेवलपर एवं उनके संस्था के साथ हुई 10<sup>वीं</sup> बैठक का कार्यवृत्त / Minutes of  
10<sup>th</sup> Meeting with RE Developers and their associations.

महोदय/महोदया/Sir/Ma'am,

आरई डेवलपर एवं उनकी संस्था के साथ 10<sup>वीं</sup> बैठक दिनांक 15<sup>th</sup> मई 2024 को हुई। बैठक का कार्यवृत्त सलडग्न  
हैं।

The 10<sup>th</sup> meeting with RE developers and their associations was held on 15<sup>th</sup> March 2024.  
Minutes of the Meeting are enclosed herewith.

धन्यवाद/Thanking you,

भवदीय/Yours Sincerely,

(पार्थ सारथि दास) / (Partha Sarathi Das)

व. महाप्रबंधक (टीपी-II)/Sr. General Manager (TP-II)

## **Minutes of 10<sup>th</sup> Meeting with RE Developers and their Associations held on 15-05-2024**

A meeting was held under the chairmanship of Dy COO, CTUIL amongst CTU, RE developers and their associations on 15-05-2024 in the CTUIL office. List of participants is attached at **Annex-I**.

Developers raised the following issues and deliberation held on the same is as under:

- 1. Under the extant regulations, the connectivity granted to a Parent Company is allowed to be utilized by a subsidiary; however, the Condition Subsequent including Financial Closure are to be complied by the Connectivity Grantee i.e. Parent itself.**

LOA/PPA Route: As per the RfS documents issued by REIA such as SJVN, SECI, NTPC & NHPC, the bidding for RE projects is done by the Parent Company. After the bid is won, LoA is issued in name of Bidding Company (Parent Company). Subsequent to issuance of LoA, a wholly owned subsidiary of Parent Company (Project SPV) is incorporated, which undertakes and performs all the obligations of Parent company. Further PPA is signed with Project SPV and Project SPV is responsible for developing the Project including land acquisition in name of Project SPV. Also, the equity and debt for the project and subsequent project approvals are arranged by Project SPV.

Land BG Route: Connectivity is applied at cluster level (Parent Company) through BG route because sanction is always obtained at cluster level. Once connectivity is granted to Parent Company, a SPV is incorporated, which shall undertake and perform all the obligations of Parent company. All the Project development activities such as land arrangement, arrangement of equity & debt, all approvals are arranged by SPV company only.

Therefore, Project SPV shall fulfil all the conditions subsequent of Connectivity.

### ***CTUIL's response:***

*It was informed that as per GNA regulation conditions subsequent to be satisfied after the grant has to be complied by the company which has applied for connectivity. For any change in the same, matter may be taken up with CERC.*

- 2. Mismatch of quantum and connectivity is creating a disruption in the cycle, part connectivity would help this issue.**

Developers requested CTU to accept partial conversion of their application from land/land BG route to LOA route considering the bid won for partial quantum from REIA.

### ***CTUIL's response:***

*It was informed that at present there is no provision for partial conversion of application from land/land BG route to LoA route in GNA Regulations. The matter may be taken up with CERC.*

### **3. Resuming the CMETS meetings**

Members requested CTUIL to kindly conduct Bay allocation meetings as they were conducted earlier by CTU. It was also requested to kindly resume the CMETS meetings

#### ***CTUIL's response:***

*CTUIL informed that CMETS meetings are happening for all the regions every month. In the northern region also system expansion proposals are being deliberated in monthly CMETS meetings except for the deliberation on Connectivity/GNA applications because of APTEL's stay order. The deliberation on Connectivity/GNA application in NR CMETS would be resumed as per APTEL's direction.*

### **4. Status of Bikaner 4 location**

Members mentioned that the status of Bikaner 4 location has been a suspense as it is still there on proposed location. 4800 MW has already been allocated few months back. Still developers have not been able to start the work on land due to uncertainty on substation coordinates.

Lack of clarity on coordinates delays projects delivery on scheduled timelines as per PPA. They requested CTUIL to formulate some methodology on issuing coordinates as soon as substation is granted connectivity of about 700-800 MW. One proposal is to issue Google map of indicative locations to assess with +/-5km area as soon as 700-800 MW is granted in CMETS. It will help developers to at least assess and tie up land within the vicinity.

It was also requested to clarify tentative issuance timelines on reallocation procedures and 2nd amendment to GNA by CERC. Also, request CTU to provide a list of issues that have been put forth by them to CERC.

#### ***CTUIL's response:***

*It was informed that a methodology for identification of the substation land already exists. Considering the generation project coordinates provided by the applicants at the time of application & survey by BPC, suitable location for ISTS substation is identified by BPC in consultation with CEA and CTU. Once the tentative coordinates are finalized in a meeting by CEA, the same are updated on CTUIL website.*

*It is to mention that Bikaner-IV RfP by BPC PS is still to be issued. Despite the above, advance action had been taken for finalization of its location. For this, a meeting for finalization of Bikaner-IV location is already held and minutes are awaited in this regard in next 1-2 days. Upon receipt of minutes, tentative coordinates of Bikaner 4 S/s shall be uploaded on CTUIL website.*

*It was also informed that draft re-allocation procedure after considering the comments received from all the stakeholders has been submitted to CERC by CTUIL in April'24. Members may follow up with CERC on the timelines of issuance of procedure and 2<sup>nd</sup>*

*amendment to GNA Regulations. It was also informed that as deliberated in various meetings with RE developers, issues raised on behalf of associations/developers are being taken up with CERC by MoP/CTU/RE developers from time to time.*

## **5. Facilitate Connectivity swaps to mitigate ROW challenges**

Members requested CTUIL to facilitate connectivity swaps between developers within the same cluster/ complex to mitigate right-of-way challenges and expedite construction timelines.

For instance, if one developer secures connectivity at Substation X but their project is closer to Substation Y, and another developer is in the opposite scenario, a provision for swapping connectivity should be provided, as long as both substations are within the same cluster. This measure would alleviate transmission line ROW challenges and reduce claims, thus ensuring timely project completion.

### ***CTUIL's response:***

*Processing of applications is taken up based on the priority of date and time of application and substation bays are allocated in that order. In the case of mutual swapping, consent from the applicants lying in between these two applicants shall be required and it may open a new episode of reallocation of bays. Thus, it involves complexity in case of mutual swapping of bays between applicants.*

*However, CTUIL suggested that as change in land is being allowed by CERC keeping the connectivity pooling station same, developers may instead explore swapping of land which can be mutually discussed and agreed between developers.*

## **6. Forming of policy where no developer develops their project within 3 km of ISTS pooling station to avoid RoW issues.**

It was informed that, in Northern Region, one developer has installed their solar project very close to the ISTS pooling station. This has resulted in RoW issues for dedicated lines of other RE developers connecting to the same ISTS pooling station. Therefore, it was request to form a policy to avoid establishment of project within 3 km of ISTS pooling station.

### ***CTUIL's response:***

*It was informed that at present, within 3 km of ISTS substation, it is advised to construct a dedicated transmission line on multi circuit tower to avoid RoW issues. Regarding framing a policy to avoid construction of a RE plant within 3 km of ISTS substation, the matter may be taken up with MoP/MNRE. Till the matter is addressed at policy level, RE developers through associations may mutually coordinate among themselves for the resolution.*

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**List of Participants**

**CTU**

- Shri Ashok Pal, Dy COO
- Shri Jasbir Singh, ED
- Shri Atul Agarwal, CGM
- Shri Vikas Bagadia, CGM
- Shri Partha Sarathi Das, Sr GM
- Shri Kashish Bhambhani, GM
- Shri Laxmi Kant, Sr DGM
- Shri Chinmay Sharma, Ch Manager
- Shri Mahendranath Malla, Chief Manager
- Shri Sandeep Behara, Manager
- Shri Fahad, Manager
- Shri Bhanu Prakash Pandey, Asst. Manager
- Shri Himanshu Rathi, Engineer

**RE Developers, NSEFI and WIPPA Delegation**

- Mr. Ashwary Sharma, Policy Advisor, NSFEI
- Ms. Vanshika, Policy Associate, NSEFI
- Mr. P.N. Bharadwaj, NSEFI
- Mr Harshit Gupta, Hexa
- Mr. Angshuman Rudra, GM, Avaada Energy
- Mr. Manish Verma, VP, Blupine Energy
- Mr. Dhir Singh, Blupine Energy
- Mr. Manish Kumar Tiwari, Blupine Energy
- Ms Poorva Pitke, Sprng Energy
- Mr. Ankit Kumar, Amplus Solar
- Mr. Gourav Kumar, Tata Power Solar
- Mr. Naveen Singh, O2 Power
- Mr. Tushar Garg, O2 Power
- Mr. Aman Saxena, Hero Future Energies
- Mr. Abhinav Gupta, Manager, Mahindra Susten
- Mr. Vikram Malhotra, UPC Renewables
- Mr. Shashank Gupta, Azure
- Mr. Laxmi Narayan, Radiance Renewables
- Mr. Sudhanshu Kamboj, Radiance Renewables
- Ms Sonika, Solarpack
- Ms Gul Zehra, Powerica Limited
- Mr. Lokesh Yadav, Manager, ACME Cleantech
- Mr. Prashant Kanaujia, Brookfield
- Mr. Rishabh Dhyani, Sr. Manager, WIPPA
- Mr. Kunal Gauba, EDF
- Mr. Amit Debnath, EDF
- Mr. Sibasis Panda, Dy Mgr, EDF Renewable
- Mr. Praveen Tamak, ADANI
- Mr. Gaurav Kumar, Sunsure Energy
- Mr. Ravindra Rana, Ibvogt
- Mr. Neeraj, Sekunar Energy
- Mr. Ankur Pathak, Mahindra Susten
- Mr. Ayush Jain, Solarpack
- Mr. Rishi Chandok, Amplus Solar
- Mr. Sachin Jindal, Enfinity Global
- Mr. Antriksh Singh, Enfinity Global
- Mr. Ashutosh Vyas, HFE
- Mr. Rahul Singh, HFE
- Mr. Sushant Sinha, HFE
- Mr. Namit Jain, Enel
- Mr. Pavan Kumar, Juniper
- Ms Priyanka, JGEPL
- Mr. Rohit, AMPIN
- Mr. Sumit, Ayana
- Mr. Ankit, SPDA
- Mr. Manish, Jindal Renewable

- Mr. Agam Kumar, Renew
- Mr. Ankit Rastogi, Renew
- Mr Vikas Bansal, Waaree

- Ms Rinku, Axis Energy