

Minutes of Meeting

Meeting for discussing commissioning of RE plants pending compliance of connectivity Regulations

Venue: 2nd Floor Conference Hall, Shram Shakti Bhawan

Date and Time: 18th February 2025 at 9:45 AM

A meeting was held under the Chairmanship of the Secretary (Power) for discussing the issues related to compliance of CEA Connectivity Regulations by RE power plants. The list of participants is at **Annexure** .

2. Representative from NGEL made a presentation, highlighting the challenges in commissioning solar and wind projects due to pending compliance with CEA Grid Connectivity Regulations. With respect to installation of harmonic filters for solar projects at Nokh (735 MW), Shajapur (325 MW), and Khavada (1,255 MW), it was mentioned that while the purchase orders for the harmonic filters have been placed, supply constraints owing to the limited availability of high-quality Vendors have delayed its installation . A request was made to allow commissioning of solar projects, which are ready for commissioning by March,25, pending installation of harmonic filters .

3. Member (GO&D), CEA and Director (SO), Grid India stated that commissioning of RE projects had been allowed in the past on commitment by RE developers to install filters within certain period, but installation of harmonic filters is still pending in several RE projects that were previously granted conditional permission for commissioning.

4. The issue of pending commissioning of the 100 MW, Dayapar wind project of NTPC REL in Kutch was also highlighted by NGEL due to the non-submission of the plant level Power System Computer Aided Design (PSCAD) model report, which is required for obtaining CON-4 and FTC approvals from CTUIL/WRLDC. It was informed that AMSC, the technology partner of Inox Wind, is currently modifying the PSCAD model and the revised report is expected to be submitted by within 10 Days. It was requested that the commissioning of this balance 100 MW may be allowed pending the said report.

5. Regarding commissioning of the 100 MW wind power project, COO, CUTIL stated that in addition to the pending plant level PSCAD model, Power System Simulation Evaluation (PSSE) model and study reports are also required to be

submitted. It was mentioned that if these model along with study reports are submitted, the project may be allowed to be commissioned. It was also informed that installation of an additional transformer and Static Var Generator (SVG) is required to meet the reactive power requirements. Director (SO), Grid India informed that due to non- compliance of dynamic reactive power capability requirements, has been restricting scheduling of power from Dayapar complex up to 378 MW. Therefore, even after commissioning of NTPC REL plant, there may be scheduling restrictions.

6. After detailed deliberation, the following recommendations were made:

- a. Considering the lead time for supply, installation and commissioning of filters, commissioning of the RE Projects, without harmonic filter installation, may be allowed till 30th June 2025, subject to placement of Purchase Orders by 31st March, 2025.

(Action: Grid India, CTUIL, RE

developers)

- b. 100 MW Dayapar Wind Project of NTPC REL may be allowed to be commissioned upon submission of PSCAD and PSSE models.

(Action: Grid India,

CTUIL, NTPC REL)

ANNEXURE

LIST OF PARTICIPANTS

Ministry of Power:

1. Shri Pankaj Agarwal, Secretary (Power)- **in Chair**
2. Shri Srikant Nagulapalli, Additional Secretary (R&R, Transmission)
3. Shri Hemant Kumar Pandey, Chief Engineer (R&R)
4. Shri Sunil Kumar, Director (NRE)
5. Shri Vishal Kumar, Under Secretary (NRE)

Ministry of New & Renewable Energy:

1. Shri Rahul Rawat, Scientist-D

Central Electricity Authority:

1. Shri Hemant Jain, Member (GO&AD)
2. Shri B.Lyngkhai, Chief Engineer

3. Shri Sandeep Kumar, Deputy Director

CTUIL

1. Shri Ashok Pal, COO (through VC)

Grid India Ltd.

1. Shri Rajiv Kumar Porwal, Director(SO)(through VC)

NGEL

1. Shri Rajiv Gupta, CEO
2. Shri Dharendra Joshi, GM
3. Shri Animesh Manna, DGM
4. Shri Abhishek Bhattacharjee, DGM