



भारत सरकार
Government of India

विद्युत मंत्रालय
Ministry of Power

केन्द्रीय विद्युत प्राधिकरण
Central Electricity Authority

विद्युत प्रणाली योजना एवं मूल्यांकन-I प्रभाग
Power System Planning & Appraisal-I Division

सेवा में / To,

1. COO (CTUIL), Plot No. 16, IRCON International Tower, Institutional Area, Sector 32, Gurugram, Haryana-122001
2. Director (System Operation), Grid- India, B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi-110010
3. Member-Governing Council, Sustainable Projects Developers Association (SPDA), 9th Floor, Surya Kiran Building, 19, Kasturba Gandhi Marg, New Delhi-110001

विषय / Subject: Minutes of the meeting held on 15.12.2025 regarding Curtailment of power from Renewable Energy projects in the State of Rajasthan – reg.

महोदय / Sir,

Please find enclosed the minutes of the meeting held under Chairperson, CEA on 15.12.2025 regarding curtailment of power from Renewable Energy projects in the State of Rajasthan.

संलग्न / Encl. - उपरोक्त / as above

भवदीय / Yours faithfully,

नितिन देसवाल / Nitin Deswal

उप निदेशक / Deputy Director

Copy to:

1. PPS to Chairperson, CEA
2. SA to Member (Power System), CEA
3. Chief Engineer (PSPM), CEA

Minutes of the meeting held on 15.12.2025 regarding Curtailment of power from Renewable Energy projects in the State of Rajasthan

List of participants is enclosed at **Annexure-I**.

Chief Engineer (PSPA-I) welcomed the participants and requested SPDA to give a brief about the concerns of RE developers.

SPDA raised the issue of non-availability of T-GNA margins for about 4 GW of RE projects in Rajasthan during peak solar hours even after commissioning of Khetri - Narela 765kV D/c line and requested for the following:

- (i) Re-estimation of availability of margins in the system and possibilities for creation of additional margins in the system for evacuation of power from commissioned RE projects for which GNA has not yet been effective due to delay in commissioning of associated ISTS system.
- (ii) Expediting the commissioning of Bhadla II - Sikar II 765 kV D/c line (2nd) and other under construction transmission schemes linked with evacuation of RE power from Rajasthan
- (iii) Visibility of actual commissioning timeframe of transmission schemes associated with evacuation of power from RE projects.

Grid India informed that before commissioning of Khetri - Narela 765kV D/c line, about 3.8 GW of RE (from about 8.6 GW of commissioned RE for which GNA is not effective) is allowed injection under T-GNA during peak solar hours and for the balance RE capacity injection is allowed during remaining period in a staggered manner. After the commissioning of Khetri - Narela 765kV D/c line, GNA for about 4.8 GW of RE has been made effective by CTUIL. Now, injection of about 4 GW (total commissioned RE for which GNA is not effective) is restricted during peak solar hours (11 am to 2 pm) and injection is allowed under T-GNA for remaining period in a staggered manner.

Grid India also highlighted the limiting constraints in the system in evacuation of RE from Rajasthan such as Voltage oscillations in RE complexes, Low SCR at various pooling stations, loading constraint in Bhadla (RVPN) – Bikaner (RVPN) 400 kV D/c line, high line loading of 765 kV Bikaner-Khetri D/c line etc.

After deliberations, following action points were emerged:

1. Grid India to share PMU data with RE developers connected with RE pooling stations severely affected with voltage oscillations and RE developers to analyze the control interaction behaviour at the RE plant/switchyard end and perform necessary mitigation measures (in consultation with OEMs, if required) in order to arrest these low frequency oscillations. RE developers may share their analysis report with Grid India.
2. Actual commissioning date of under construction transmission elements to be made available with RE developers to enable them to match their commission schedule of RE projects with commissioning of associated transmission system.
3. The upgradation of Bhadla (RVPN) – Bikaner (RVPN) 400 kV D/c line (along with terminal bay equipment) to be expedited and meeting with RVPN and POWERGRID to be scheduled for the same.
4. Grid India and CTUIL, through joint studies, may explore other transmission augmentation measures to bring down the present constraints in the network. Team to also

quickly identify the lines where implementation of dynamic rating can be helpful in reducing curtailment. These lines to be also put up as an agenda item in the next NCT meeting.

Annexure I**List of Participants****Central Electricity Authority**

1. Sh. Ghanshyam Prasad, Chairperson – in the chair
2. Smt. Ammi Ruhama Toppo, Chief Engineer (PSPA-I)
3. Sh. Sharvan Kumar, Chief Engineer (PSPM)
4. Smt. Kavita Jha, Director (PSPA-I)
5. Sh. Nitin Deswal, Deputy Director
6. Sh. Chiranshu Taneja, Assistant Director

CTUIL

1. Sh. RVM Rao, Chief General Manager
2. Sh. Sandeep Kumawat, DGM

GRID-INDIA

1. Sh. R.K. Porwal, Director (SO)
2. Sh. Vivek Padey, CGM
3. Sh. Bikas Kr Jha, DGM
4. Sh. Abhishek Prakash, Ch. Manager
5. Sh. Ibtesam Asif, Dy. Manager

SPDA/RE Developers

1. Sh. Pulak Shrivastava, JS, SPDA
2. Sh. Vivek Kodesia, Head BD, Eden Renewable India
3. Sh. Kashish Bhambhani, Chief Strategy Officer, RPSG ventures
4. Sh. Pavan Gupta, Head Regulatory, Juniper Green Energy
5. Sh. Rohit Gera, AGM, Juniper
6. Sh. Dharmendra Gupta, AVP, O2 Power
7. Sh. Kunal L Kaistha, VP-Regulatory, Serentica
8. Ms. Shilpy Dewan, VP-Ops, Serentica
9. Sh. Arzaan Doradi, AVP, Serentica
10. Sh. Abhishek Shrivastava, AVP, Sembcorp
11. Sh. Siddhartha Mishra, Manager, Sunsire Energy
12. Sh. Sumit Kumar, AGM, Renew
13. Sh. Mohit Jain, AGM, Renew
14. Sh. Rinku Yadav, Sr. Manager, Ayana Power
15. Sh. Sharul Khan, Dy Manager, Waaree Energies
16. Sh. Dhiren Bhatt, Sr Manager, Avaada
17. Sh. Shivam Gupta, Deputy Manager, ACME