



भारत सरकार/Govt. of India

विद्युत मंत्रालय/Ministry of Power

केन्द्रीय विद्युत प्राधिकरण/Central Electricity Authority

मुख्य विद्युत निरीक्षणालय प्रभाग/Chief Electrical Inspectorate Division

N:- CEI/11/1/2024/499

Dated:- 11.07.2024

To,
(As per List).

Subject: - Advisory for proactive and comprehensive monitoring of Transmission Lines to Ensure Safety- reg.

Sir/Madam,

Reference is invited to news article in Dainik Bhasker dated 27th April 2024 (attached) and subsequently WP (PIL) No. 33 of 2024 filed before the Hon'ble High Court of Chhattisgarh at Bilaspur against the State of Chhattisgarh and others wherein it has been reported that the High Tension lines are causing induction/electric field, due to which farming has been affected in thousands of acres, and the villagers of Bilaspur district are experiencing the induction effect/electric field on the land.

In this regard followings are to be mentioned:

- As per clause 48(7) of CEA Safety Regulations 2023: *"It shall be the responsibility of the owner of all installations of voltage exceeding 650 V to maintain and operate the installations in a condition free from danger and as recommended by the manufacturer or by the relevant standards."*
- In view of the above, it is recommended to adhere to a rigorous and regular operations and maintenance (O&M) programme in respect of your transmission utilities. All necessary measures through best practices of O&M should be taken by the concerned utilities including crucial measures in preventing the induction or leakage current from transmission lines which can lead to severe safety hazards and operational inefficiencies. The measures taken by utilities shall not only protect the infrastructure but also ensure the safety of the general public, flora & fauna.
- It is advised to implement the recommended practices promptly for smooth, safe, reliable, stable & efficient operation of grid such that the safety is ensured in the electric power system. The action taken report/compliance report may be sent to email : cea-eidivision@gov.in

This issues with the approval of Competent Authority.

Yours faithfully,

(Rishika Sharan)

Chief Engineer (CEI)