



भारत सरकार/Govt. of India
विद्युत मंत्रालय/Ministry of Power
केन्द्रीय विद्युत प्राधिकरण/Central Electricity Authority
मुख्य विद्युत निरीक्षणालय प्रभाग/Chief Electrical Inspectorate Division

To,

MDs of all DISCOMs
All Electricity Consumers

Subject: Advisory on safe and judicious use of electricity in view of El Niño conditions or otherwise - reg.

India Meteorological Department (IMD) has forecasted above-normal temperatures due to El Niño conditions. Due to this, the prolonged use of air conditioners, cooling appliances and other loads is expected to increase substantially. This would result in increase in the electrical load on consumer's premise's wiring and the electrical equipment, thereby raising the risk of overheating, electrical faults leading to fire hazards. Recently, fire incidents/AC blasts in buildings in Delhi, Noida, Lucknow, Indore and Cuttack have highlighted the importance of regular maintenance of electrical installations and the safe use of electrical appliances to protect life and property of consumers and also the cables and transformers etc of the Discoms. In this regard, Central Electricity Authority advises the following safety measures:

1. Consumers should keep their connected load within the sanctioned limit, report any increase to the concerned DISCOM, and ensure that internal wiring is suitably rated to prevent overheating and fire hazards.
2. Discoms to also monitor the loading of the equipment (say Transformers, Wires etc) and plan replacement before it reaches the threshold limit.
3. Electricity needs to be utilized optimally by using selective, necessary load and switch off the loads not needed.
4. Avoid running air conditioners continuously. Switch them off once the room is comfortable or when unoccupied, and preferably maintain the temperature at 24°C, as recommended by BEE, for comfort, energy efficiency and safety.
5. Get your air conditioner and electrical appliances serviced regularly from qualified and skilled technician. Ensure proper and periodic cleaning of air filters and especially the outer unit of ACs.
6. Avoid operating multiple appliances from the same socket or extension board.
7. Replace damaged or loose electrical accessories immediately and ensure that the electrical installation is properly earthed. The internal earth wire should extend up to the electricity meter and be securely connected to the earth terminal provided by the DISCOM.
8. Miniature Circuit Breakers (MCB) and Residual Current Devices (RCD) of proper rating must be installed in the consumer's premises.
9. Never ignore warning signs such as burning smell, smoke, sparking, overheating of plugs or frequent tripping of MCBs and RCDs. If any such condition is noticed, switch off the appliance immediately and get it checked by an authorised technician.

Being a responsible citizen, we need to take simple precautions and timely action to prevent electrical accidents, protect your loved ones and safeguard your home and work place during periods of extreme heat or any other extreme conditions.

Discoms are also requested to disseminate this information widely among the electricity consumers.

Please find the following links: -

1. Message on Electrical Safety: - <https://youtu.be/0TUBTzIzuEw>

Let us join hands to ensure zero accident while using electricity.

Yours faithfully,



(Naresh Kumar)
Director

Copy for information to:

1. SA to Chairperson, CEA
2. SA to Member (Power Systems), CEA