

## Keep Your Cool and Wallet Happy: Smart AC Strategies for Summers

Air conditioning can make up a significant portion, between 30 to 50 percent, of a household or company's yearly energy expenses. By following straightforward and easy-to-implement tips, you can considerably lower your electricity bill.



- Set your AC thermostat at 24°C for comfortable and cost-effective cooling.
- Keep air-conditioned room doors closed as much as possible to retain cool air.
- Clean your AC filter every month for efficient functioning.
- Use ceiling fans alongside the AC to circulate air and reduce the AC's workload.
- Line windows and walls with plants and curtains to block sunlight and insulate the room from heat.
- Turn off the AC when leaving the room or house for extended periods to reduce energy consumption
- Cool roofs, like painting them white or installing white tiles, can significantly reduce air conditioning costs.
- Check electric appliances' energy rating before buying them; higher ratings result in higher savings.

## Safety Alert:

Maintain distance from electrical installations for your own safety



Large scale construction activity is taking place in Delhi. Many of these dwellings and unauthorized constructions / extensions – built in various colonies have come underneath and dangerously close to discom' existing overhead Low Voltage (LV), High Voltage (HV) and Extra High Voltage (EHV) lines and electricity installations. These are in complete violation of regulations 60 and 61 of the Central Electricity Authority (Measure relating to Safety and Electric Supply) Regulations, 2010 (as amended from time to time), and related provisions of the Electricity Act, 2003 (Section 53 and 68 (5) read with Section 161).

Building extensions, structures, projections, balconies, chajjas or boundary walls etc must maintain a minimum vertical and horizontal distance from the electricity mains and electricity installations, as stipulated in the regulations.

| Lines / Installations                                                       | Minimum vertical clearance where line is passing above a building / structure / balcony etc. | Minimum horizontal clearance where line is passing adjacent to a building / structure / balcony etc. |
|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Lines of voltage upto 650 Volts                                             | 2.5 metres from the highest point                                                            | 1.2 metres from the nearest point                                                                    |
| High Voltage line exceeding 650 Volts up to and including 11000 Volts       | 3.7 metres from the highest point                                                            | 1.2 metres from the nearest point                                                                    |
| High Voltage line exceeding 11000 Volts and up to and including 33000 Volts | 3.7 metres from the highest point                                                            | 2 metres from the nearest point                                                                      |
| Extra High Voltage line exceeding 33 KV                                     | 3.7 metres (Plus 0.30 metres. for every additional 33000 Volts or parts thereof )            | 2 metres (Plus 0.30 metres. for every additional 33 KV or part thereof)                              |

These rules have been framed for your safety, to avoid any mishap, fatal accidents and power disruptions.

BSES once again appeals to the owners of such unauthorized constructions to immediately remove their illegal and unauthorised constructions from near the electricity mains and installations. Violators of the stipulated regulations will be held personally responsible for any direct or indirect loss (life, property etc) and liable for prosecution as per applicable laws.

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