



## MADHYA PRADESH ELECTRICITY REGULATORY COMMISSION

### APPEAL

We all know Electricity as a means to save ourselves from the effect of heat during summer. With proper use of proper appliances, we may reduce our electricity bills by reducing demand of electricity. In this direction, the Commission has asked the DISCOMs to ascertain use of Energy Efficient Appliances in their Headquarters. In the wider interest of consumers and for their general information, the Commission suggests following measures, which will enable the consumers not only reduce their electricity bills, but to become partner with the State towards control of electricity demand also.

WHAT TO DO?	WHAT NOT TO DO?
<b>Lighting &amp; Fans</b>	
<ul style="list-style-type: none"> <li>• As far as possible, use work oriented lighting while reading. Use reading lamps, which will give you focussed light and will not illuminate the room.</li> <li>• Use energy efficient tubes or Compact Fluorescent Lamps (CFL) which save you up to 70% electricity. As compared to ordinary Bulb, the CFL give you 8 times the illumination. One 15 Watt CFL illuminates equivalent to a 60 Watt Bulb.</li> <li>• Use electronic Choke in place of an ordinary Choke.</li> <li>• Remove the dust particles deposited on the Bulbs and Tube rods time to time. The dust particles reduce the intensity of light.</li> <li>• As far as possible make use of Sunlight and use lighter shades of paints on the walls.</li> <li>• Use Energy-Smart Fans in rooms where these are required to be run continuously. Use Electronic Regulators for fans.</li> </ul>	<ul style="list-style-type: none"> <li>• Keeping the switch on when there is no requirement of electricity.</li> <li>• Using ordinary filament Bulbs, especially in places like lobby/passage/toilet. Please note that in the ordinary filament Bulbs, 90% of energy is wasted towards heat and only 10% used for illumination.</li> <li>• Using old Regulators in Fans.</li> <li>• Using non ISI low quality appliances.</li> <li>• Always keeping the lights and fans on while going out of the room.</li> </ul>
<b>Refrigerators</b>	
<ul style="list-style-type: none"> <li>• The motors and compressors of the Refrigerators emit continuous heat; therefore, keep provision for continuous flow of air around. The distance between the Refrigerator and wall should be atleast 30 cms.</li> <li>• Before opening the door of the Refrigerator, keep in mind the all the articles required to be taken out for use. This will enable you to keep its door open for a minimum period.</li> <li>• Carry out the regular check for leakages in the Refrigerator and ensure that the Rubber seal of the Refrigerator is absolutely clean and tight. If a piece of paper is kept in between the seal and body of the Refrigerator and if it does not come out on pulling, then the seal is OK. If it comes out on</li> </ul>	<ul style="list-style-type: none"> <li>• Keeping the Refrigerators very close to the wall.</li> <li>• Allowing dust particles to accumulate on the Refrigerator condenser. Please note that the efficiency of the motors reduces due to accumulation of dust on condenser which in turn enhances electricity consumption.</li> <li>• Not defrosting the Freezer regularly. Please note that the Ice deposited on the Freezer of manual Defrost Refrigerator through insulation on the coil reduces its power of cooling the articles, thereby enhancing the consumption of electricity.</li> <li>• Keeping hot articles and food items directly in the Refrigerator, thereby wasting the energy.</li> </ul>

<p>pulling, change the seal immediately.</p> <ul style="list-style-type: none"> <li>Keep the thermostat of the Refrigerator on minimum setting. Always use Bureau of Energy Efficiency (BEE) labeled Star Rated Refrigerators.</li> </ul>	<ul style="list-style-type: none"> <li>Opening the door of the Refrigerator very frequently.</li> </ul>
<p><b>Air Conditioner (AC)</b></p>	
<ul style="list-style-type: none"> <li>As far as possible, make use of ceiling fan or table fan or cooler for protection from heat because with the use of fan, consumption of electricity is worth 30 paise per hour, with that of cooler it is worth Rs. 3.00 per hour whereas with the use of Air Conditioners it is worth Rs. 10.00 per hour.</li> <li>A high quality Air Conditioner cools your room just in 30 minutes. Please make use of the timer and keep the Air Conditioner off for some time.</li> <li>If the Air Conditioner has become too old and needs frequent repairs, it is better to purchase a new Air Conditioner. Always use Bureau of Energy Efficiency (BEE) Star Rated labeled Air Conditioners.</li> </ul>	<ul style="list-style-type: none"> <li>Adjustment of Temperature of Air Conditioner below 27<sup>o</sup> C. Keep in mind that the electricity could be saved to the extent of 3 to 5% per degree Centigrade fall in temperature.</li> <li>Keeping the doors and windows of the room open when Air Conditioner is being used.</li> <li>Never cleaning the filters of the Air Conditioner.</li> </ul>

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