



## PUBLIC AWARENESS BULLETIN-6



### PROMOTE ENERGY EFFICIENCY & REDUCE YOUR ELECTRICITY BILLS

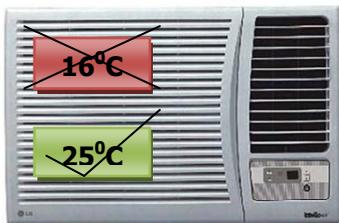


- Switch to electrical appliances with BEE (Bureau of Energy Efficiency) label.
- Reduce your electricity bills and help the country to increase the availability of electricity for more people, simply by buying Refrigerators, ACs, tube lights, Color TV, Electric Geysers and Ceiling Fans (among the household appliances) that bear BEE's Star-rated Energy Efficiency Labels.



**Lighting:** Use Fluorescent tube lights and CFLs to save about 70% of electricity for the same lighting levels.

- Clean and remove dust from your tube lights and lamps regularly to save energy.
- Use task lighting which focuses the light where you need it instead of brightly lighting an entire room.
- Use electronic chokes in place of conventional copper chokes.



**Air conditioners:** You can save 3 to 5 percent energy for each degree of temperature setting of an AC above 22°C. Set the temperature of the AC at 25°C for the most comfort at the least cost.

- Prefer ACs having automatic temperature cut off.
- Clean the condenser/evaporator coils and AC filter regularly to save energy.
- Operate the ceiling fan in conjunction with your window AC to spread the cooled air more effectively throughout the room.

**Refrigerators:** Make sure your refrigerator rubber door seals are clean and airtight and de-dust refrigerator's condenser coils to save energy.

- Refrigerator motors and compressors generate heat, so allow enough space for continuous airflow around it.
- For manual defrost refrigerators, regularly defrost refrigerators
- Avoid putting hot or warm and uncovered food straight into the fridge.



**Switch Off/ Standby loss:** Avoid keeping electronic appliances in the standby mode since your electricity meter records such consumption and leads to standby losses.

- Low power gadgets such as battery chargers (for laptops, cell phones & digital cameras), adapters, inverters, televisions, set-top-boxes, DVD players, and so on consume substantial power even in the standby mode.
- If your computer must be left on, turn off the monitor; this device alone uses more than half the system's energy. Screen savers save computer screens, not energy. Setting computers, monitors, and copiers to sleep-mode when not in use helps cut energy costs by approximately 40%.



**Solar Energy:** Use renewable energy devices/systems such as solar collectors/ solar photovoltaic panels, solar home systems, solar generators, solar water heaters, solar cookers etc.

- Retrofit some components of solar passive architecture like sunshades, roof treatments, double glazed windows, window overhangs, smart glazing, ventilation, evaporative cooling, and day lighting.
- Heat reflecting terrace is promoted.



Issued In Public Interest by  
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