

Energy Saving Tips

Electric Iron, Refrigerator, Washing Machine and Geyser

- Select iron boxes with automatic temperature cutoff
- Use appropriate regulator position for ironing
- Do not put more water on clothes while ironing
- Do not iron wet clothes
- Do not open door frequently
- Set thermostat in medium cooling position
- Keep adequate space from wall
- Do not overload the refrigerator
- Defrost your refrigerator regularly
- Regularly defrost manual-defrost refrigerators and freezers;
- frost buildup increases the amount of energy needed to keep the motor running.
- Leave enough space between your refrigerator and the walls so that air can easily circulate around the refrigerator
- Don't keep your refrigerator or freezer too cold.
- Make sure your refrigerator door seals are airtight
- Cover liquids and wrap foods stored in the refrigerator. Uncovered foods release moisture and make the compressor work harder.
- Do not open the doors of the refrigerators frequently
- Don't leave the fridge door open for longer than necessary, as cold air will escape.
- Use smaller cabinets for storing frequently used items
- Avoid putting hot or warm food straight into the fridge
- Use the shortest cycle time
- Always wash only with full loads
- Use optimal quantity of water
- Use timer facility to save energy

- Use the correct amount of detergent
- Use hot water only for very dirty clothes
- Always use cold water in the rinse cycle
- Prefer natural drying over electric dryers
- Switch off when not required
- Reduce thermostat setting from 600 to 500 c
- Use Solar Water Heater a good replacement for a electric water heater

Lighting and Fans

- Switch off lights and fans when not required
- Replace bulbs with tube lights & CFL(Compact Fluorescent Lamps)
- Utilize natural light
- Use electronic chokes & regulators
- Optimise use of lights in malls, multiplexes & hotels
- Turn off the lights when not in use
- Take advantage of daylight by using light-colored, loose-weave curtains on your windows to allow daylight to penetrate the room.
- De-dust lighting fixtures to maintain illumination
- Use task lighting; instead of brightly lighting an entire room, focus the light where you need it
- Compact fluorescent bulbs are four times more energy efficient than incandescent bulbs and provide the same lighting
- Use electronic chokes in place of conventional copper chokes
- Replace conventional regulators with electronic regulators for ceiling fans
- Install exhaust fans at a higher elevation than ceiling fans

Kitchen Appliances

- Geyser

- Switch off when not required
- Reduce thermostat setting from 600 to 500 c
- Use Solar Water Heater a good replacement for a electric water heater
- Mixers
 - Avoid dry grinding in your food processors (mixers and grinders) as it takes longer time than liquid grinding
- Microwave ovens
 - Consumes 50 % less energy than conventional electric / gas stoves
 - Do not bake large food items
 - Unless you're baking breads or pastries, you may not even need to preheat
 - Don't open the oven door too often to check food condition as each opening leads to a temperature drop of 25C
- Electric stove
 - Turn off electric stoves several minutes before the specified cooking time
 - Use flat-bottomed pans that make full contact with the cooking coil

Air Conditioning

- Ensure proper sealing of doors and windows
- Set thermostat at 250 c for optimum cooling
- Clean AC filter every month
- Use film/tinted glass on windows
- Prefer air conditioners having automatic temperature cut off
- Keep regulators at low cool position
- Operate the ceiling fan in conjunction with your window air conditioner to spread the cooled air more effectively.
- Seal the doors and windows properly
- Leave enough space between your air conditioner and the walls to allow better air circulation
- A roof garden can reduce the load on Air Conditioner

- Use windows with sun films/curtains
- Set your thermostat as high as comfortably possible in the summer. The lower will be energy consumption.
- Don't set your thermostat at a colder setting than normal when you turn on your air conditioner.
- Don't place lamps or TV sets near your air-conditioning thermostat.
- Plant trees or shrubs to shade air-conditioning units but not to block the airflow.