1) Temperature of the air-conditioner set to be 24&#65533;C or more If you are used to being at lower temperatures, then try to get used to being in at least 24&#65533;C because it will help your home air-conditioner last longer. 2) Keep the windows and doors closed when using the air-conditioner This practice is to avoid wasting energy when using the air conditioner. 3) Turn-off room lights when not in use. Many consumers ignore the habit to switch OFF the lights when leaving the room. Habit of not&#65533;switching OFF lights when necessary is one source of energy wastage. 4) Switch OFF the electrical appliances Electrical appliances, equipment and devices at home such as computer, iron, television, etc&#65533;need to be switched OFF when not in use for efficient management of electricity and to ensure that these equipment serves a long life expectancy. A step further to disconnect the power cable of equipment from the wall socket is the best practice. 5) Electrical Iron The electrical heater inside the iron uses a lot of electricity. To minimize the usage of electricity,&#65533;iron as much as possible the clothes at a single instance instead of few times in a day. 6) Refrigerator &#65533;Size factor Get a fridge according to necessity and not because of interest of having huge ones at home&#65533;because larger fridges uses more electricity. Always go for the energy efficient fridges having the&#65533;5 Star rating. 7) Refrigerator - Frost collection There are some refrigerators that do not come with the &#65533;defrost&#65533; system. If you have a refrigerator of this type, then contact a refrigerator technician for help to remove the frost. 8) Refrigerator &#65533; Arrangement of food items Ensure the food layout allows free air movement between food items. 9) Refrigerator &#65533; Location The efficiency of a refrigerator also depends on the location where the refrigerator is stored. Ensure that there is adequate space on the side and the back of the refrigerator for unobstructed movement of air. 10) Refrigerator &#65533; Condenser coil The efficiency of a refrigerator also depends on the condenser coils and care should be given to the cleanliness of the condenser coils. The cleaning activity should be planned as a part of its preventive maintenance. 11) Electric oven / Microwave Microwave door gaskets should always be in closed position to prevent loss of energy. 12) Electric Kettle Using the electric kettle to boil the water is very much energy conserving because the heating element inside the electric kettle is in direct contact with water for boiling, thus reducing excessive loss of heat. Heating element should also be cleaned to reduce energy consumption. 13) Water Heater for shower Instant water heaters can save more energy than stagnant water heater. If you have been using stagnant water heater in your house, the consider changing to instant water heater. 14) Computer operation A computer that operates in standby mode or sleep mode wastes energy. It is best practice to shut down the computer when not

needed to reduce energy waste. 15) Change to LCD Monitor Conversion in using the to energy-efficient LCD monitors instead of the CRT monitor is&#65533;a good move for energy conservation. 16) Replace old fans If you have fans at your home that has been in operation for decades, then consider changing them to a new one which is more energy efficient. It uses lesser electricity. 17) Use fluorescent lights instead of round lights Fluorescent lamps are several times brighter than a round incandescent bulb for the same wattage of electricity. Use energy efficient fluorescent lights where possible. 18) Change Incandescent lamps to CFL lamps Incandescent lamps are not energy efficient and this means there is wastage in&#65533;electrical energy. Change to Compact Fluorescent Light (CFL) for energy efficiency. 19) Preventive Maintenance on air-filter inside the air-conditioner Dirty air filters can cause excessive energy consumption in the cooling process. Get the air filter cleaned once in 3 months as part of the preventive maintenance for the air-conditioner. 20) Plant Trees Planting trees around the home to some extent will help in the process of cooling our homes because the trees absorb Carbon dioxide gas (CO2) in the air. Excessive CO2 in the air is one of the biggest contributors to global warming. 21) Air-Conditioners should not be placed in places where there is obstruction Ensure that there is no furniture that blocks the sensor of the air-conditioner and the air from the front panel is not obstructed. 22) &#65533; Air-Conditioner that suits the consumer need If an air-conditioner is needed for cooling in a small room, then a 1.5hp or 2hp air-conditioner is sufficient. There is no need to use high horsepower (HP) for small areas because it wills consumer more energy. 23) Roof and ceiling insulation There is a connection between the roof & ceiling insulation and energy consumption in the home. There is a range of insulation material that caters for houses in cold and hot location. Thanesh Kumar Federation of Malaysian Consumers Associations (FOMCA) &#65533;