

DNH Power Distribution Corporation Ltd

Energy saving tips

DNHPDCL requests all consumers to save energy. Here are some energy saving tips which are very useful and too easy for put it in to practice. You can save more than 10 % to 20 % energy or more by adopting the simple tips and it will definitely help you to minimize your energy bill, to save your budget and also it will reduce the MW demand of DNHPDCL.

DNHPDCL further appeals to stop the theft of energy, as it is the enemy of the society.

DOMESTIC / COMMERCIAL CONSUMERS

- Clean your tube lights and lamps regularly.
- Use compact fluorescent tube lights with lower capacity instead of ordinary bulbs.
- Set air conditioner coolness as per requirement.
- Use daylight and fresh air by opening windows of home/office.
- Use ISI mark appliances.
- Don't open and close door of refrigerator frequently.
- Defrost freezer compartment regularly for a manual defrost refrigerator.
- Take care for proper closing of refrigerator door.
- Switch off refrigerator when you go out station.
- Insulate heater pipes properly.
- Use microwave oven instead of ordinary oven.
- Turn off computer when not in use.
- Use water pump as per requirement only.
- Use washing machine with full load.
- Dry cloths in open air instead in washing machine.
- Use solar cooker.
- Use light color walls and furniture.
- Use proper size of motors.
- Use non-conventional energy as far as possible.
- Switch off unused lights in lunch break in office.
- Turn off lights when not in use immediately.

INDUSTRIAL

- Select a motor corresponding to the load. Using oversized motors leads to waste of energy. The use of standard and high efficiency motors is more economical in the long run.
- Use shunt capacitors across motor terminals to reduce KVA charges and also to avoid damage to motor.
- Tighten belt and pulley at regular intervals to reduce loss of energy due to 'slip'.
- Minimize the use of belts in factory which consumes more energy.
- Lubricate motors and motor-drive regularly to reduce friction.
- Keep motor clean to help them cool.
- Place the motor as close to the load as possible. The shaft joining the two be in proper alignment.
- Replace worn out bearings immediately and ensure timely repairs.
- Use appropriate motor capacity for machine.

- Use always ISI motors and minimize cable length.
- Recover the waste heat from furnace and employ this energy in other areas.
- Ensure adequate production level against the level of energy used in production process and utilities. Stop wastage of energy with the help of experts.
- Get the company vehicles serviced, tuned and repaired in time. This will increase their life and effect saving of fuel.

AGRICULTURE

- Use good quality PVC pipes.
- Use less resistance foot valves.
- Keep motor / submersible in good condition and lubricate it regularly.
- Use appropriate capacity motors as per length and diameter of suction and delivery pipes.
- Use appropriate shunt capacitor for improve power factor which will reduce consumption.

SAVE ENERGY AND SAVE MONEY