



be smart!



a world class African city



LIGHTING THE WAY



be cautious

how you use appliances during **peak time**

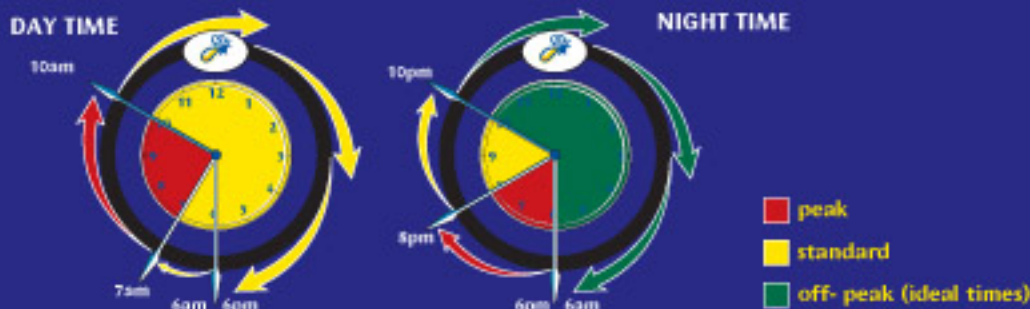


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be cautious
how you use appliances during **peak time**

save electricity, save money
switch off!



Demand Side Management

- A process whereby a utility or local authority that supplies electricity influences the way electricity is utilised by its customers.
- It describes the planning and implementation of utility activities designed to influence the time pattern and the amount of electricity demanded.
- Monitors and encourage consumers to modify patterns of electricity usage.
- Seeks to produce desired changes in the utility's load shape.

Why Demand Side Management?

- To provide constant usage of electricity
- Efficient use of electricity, i.e. resulting in lesser amounts of electricity during peak times.
- Managing the demand effectively.

The benefits of Demand Side Management

- Keep electricity costs down.
- Reduce demand during peak times.
- Eliminate unplanned interruptions.
- Macro-economic development of economies

- through improved productivity.
- Delay infrastructure capital investment requirements.
- Preservation of non-renewable resources.
- A win-win situation for both consumer and supplier.

Saving of electricity

- Install a geyser blanket.
- Use energy saving bulbs (compact fluorescent lights) instead of ordinary bulbs.
- Use low-energy lamps for exterior lighting.
- Keep oven doors closed until food is cooked.
- Make sure that pots and pans completely cover the stove plates.
- Don't open the fridge door unnecessarily.
- Infra-red heaters are more efficient.
- Use a thermostatically controlled oil heater.
- Use electric blankets, but turn them off when in bed.
- Insulate the ceiling and seal air gaps in the home.
- Fill dishwasher completely before operating.
- Use a microwave oven to cook small to medium quantities of food.
- For automatic washing machine, make sure your load is full before washing.
- Don't fill the kettle, boil enough according to your needs.

Safe use of electricity

- Look for the SABS sign and only use SABS approved plugs.
- Do not pull a plug by the cord.
- Switch off at the wall socket, before pulling the plug out.
- Do not connect electrical appliances to light sockets.
- Never put bare wires into sockets.
- If there are babies in the house, ensure that wall sockets are covered with a safety cap, keeping the area safe for babies to play in.
- Replace worn and frayed cords on appliances immediately.
- Do not use electrical appliances in the bathroom.
- Never touch electrical appliances with wet hands.
- Never mow wet grass with an electric lawnmower.
- Do not let children play with electrical cords - they can chew on a live wire.
- Do not play with children on or near an electrical installation.
- Overloading a plug can cause a fire. A multi-plug adaptor will allow you to use as many appliances as needed without the risk of overheating.
- Broken plugs or loose wires are dangerous.
- Putting electrical wires directly into a socket can cause accidents.
- Never change a light bulb without first making sure that the current is switched off.
- Do not use a fork or a knife or anything that is made of metal to remove toast from a toaster when it is plugged in.



For more information
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