

## Why electricity consumption needs to be reduced:

We urge all consumers to pay attention to the electricity saving messages that Eskom and City Power are sending out through the media at the moment. The City of Johannesburg fully supports all of these power saving initiatives and request that you react accordingly.

In winter in particular, all South Africans will have to make every effort possible to reduce their electricity consumption by at least 10% to ensure we avoid supply interruptions.

City Power has a winter strategy in place to deal with its own technical limitations which become problems when the electricity demand is too high. In some areas the capacity of our distribution networks is limited which can result in outages caused by local overloading.

## How can it be done?

### ➤ Eliminate all wasted electricity consumption

- Always switch off unused lights and appliances wherever you are.
- Don't be in two places at the same time – switch off lights and appliances at home when you go to work
- When you leave work do the same - switch off all lights, machinery and office equipment. Live in one place at a time.

### ➤ Conserve – use power for shorter times or deliberately avoid using electricity

- Use heaters for shorter periods of time and use the thermostats on heaters to limit their consumption
- Use jerseys, warm clothing and hot water bottles to keep warm rather than using heaters at all
- Use the least amount of hot water that you can. Geysers use a lot more electricity if they have to make a lot more hot water!
- Don't run two fridges per household if only one is really needed. (Get rid of the 'beer' fridge in the garage)

### ➤ Energy efficiency – get the same job done using less energy

- Invest in energy efficient lighting - replace old incandescent lamps with energy saver lamps – compact fluorescent lamps or new LED lamps.
- Use appliances efficiently – don't boil more water than is needed in a kettle, fill it only with the right amount of water needed
- Match the pot size to the size of the stove plate when cooking

### ➤ Change the patterns of electricity usage – use less in morning and evening week day peak times

- Use washing machines on weekends rather than week days when there is a shortage of power
- Avoid using power between 8am and 11am and 6pm to 9 pm on weekdays, this is the high risk time.
- Switch off electric heaters between 6 and 9 pm and rather use gas heaters where possible
- Check swimming pool timers – only run the pump between 9pm and 5am – never in daytime

### ➤ Find alternative energy sources – preferably 'clean energy' options

- Install a solar water heater, this is a great 'green' investment that will permanently reduce your electricity bill
- Switch to gas stove cooking wherever possible, using town (Egoli) or bottled gas systems
- Use gas heaters rather than electric heaters, especially between 6pm and 9pm

### ➤ Plan ahead – build energy efficiency into new buildings and renovations

- Make sure gas stoves, solar water heaters and ceiling insulation is specified on your building plans
- Use the opportunity when extending a bond for renovations or extensions to include solar water heaters and energy efficiency
- Plan to replace your geyser with a solar water heater if it bursts

### ➤ Culture change – awareness, education and attitude

- Explain to children why it is important to use less electricity
- Treat electricity as a valuable resource to be used wisely



a world class African city

Please Reduce  
Electricity Use



- Report the theft of electricity to 011 490 7911 or 0800003251 – the thieves are a big part of the overload problem, why must paying customers suffer?

**Thank you for your cooperation**