

- Use LCD screens, they use far less power than the older television screens and computer monitors;
- Dishwashers use short wash cycles, rinse-only cycles and mid-cycle turn-off, they are convenient options and they help to conserve energy;
- Switching to energy-efficient electrical appliances will contribute significantly to your monthly energy saving.



AIR CONDITIONERS

- Ventilate air-conditioned room only when necessary;
- Keep air-conditioned areas in the "Golden Zone" between 18°C and 22°C;
- Adjust blinds and window coverings that receive direct sun so that rooms can stay cooler for longer.

SWIMMING POOL

- Reducing the filter pump operating time will help to save energy;
- Reduce water evaporation by covering the pool when not in use. A pool cover will keep the pool cleaner for longer. It will also take the chill out of the water in cooler months;
- It is safe to reduce the filtration time of swimming pools and spas, from a typical 10 hours, to around 6–8 hours.
- Run the filters on a timer that operates outside of ESKOM's peak periods (7am–10am and 6pm–9pm).

NB:

Although CFLs are safe for everyday household use, however they contain mercury and need to be disposed carefully. Disposal of CFLs should be done in the same way that you would dispose batteries or oil-based products. Seal CFL in a plastic bag. Contact your local municipality's waste management department for your closest drop-off point.

For more information on energy saving advice, current DSM programmes (such as the CFL exchange and energy efficient motors) energy services companies (ESCOs) list, funding of energy efficiency projects, suppliers list as well as rebates such as the solar water heating programme, please visit:
www.eskomdsm.co.za

AND

For further information on Energy Efficiency in Tourism Contact:

National Department of Tourism
 Private Bag x 447, Pretoria, 0001
 Fedshure Forum Building, 315 Pretorius Street, Pretoria
 Tel: (+ 27 12) 310 3911
 Fax (+ 27 12) 322 2682
 Call Centre Number: + 27 86 111 2468
 Website: www.tourism.gov.za

Energy Efficiency in Tourism



tourism
 Department:
 Tourism
 REPUBLIC OF SOUTH AFRICA

save it!
www.savingenergy.co.za

ENERGY EFFICIENCY IN TOURISM

Human activities have caused strain on the environment and that has led to a decline in the earth's resources. Earth resources comprise renewable and non-renewable resources. The term non-renewable resources refers to natural resources that cannot be re-used, regenerated or produced, for example fossil fuels like coal and oil. Over-exploitation of natural resources, together with the pollution of the air and natural water resources, pose a threat to the survival of mankind. The result of man's careless behavior towards the planet can be seen in the reality of global warming, which will continue to influence climate change until we start acting more responsibly.

As part of a global initiative to promote Responsible Tourism, the National Department of Tourism, the Department of Energy, Eskom and Indalo Yethu has joined hands to encourage the tourism industry to adopt environmentally friendly practices.

WHAT IS RESPONSIBLE TOURISM

Responsible Tourism underlies practices that ensure that the earth's scarce resources are managed as carefully as possible. This entails measures that are focused on conserving energy, saving water and reducing waste in the tourism sector. Through the Energy Efficiency Accord, which was signed by a number of organizations in 2005, government has been working with business and other stakeholders to promote and implement energy efficiency measures. However, the hospitality sector can have a positive impact in reducing electricity demand through the adoption of practical energy saving measures and promotion of energy efficiency in hospitality facilities.

CONTRIBUTION OF THE HOSPITALITY SECTOR

South Africa's hospitality sector can play an important role in promoting the efficient use of energy and the conservative use of water and other natural resources to ensure the survival of the planet for future generations.

The tourism industry needs to do everything it can to minimize its impact on the environment and reduce carbon emissions (which contribute to global warming)

The National Department of Tourism subscribes to the golden rule of electricity saving, which is "if you are not using it, switch it off". We therefore recommend the following tips for saving energy whilst ensuring that we practice responsible tourism:



LIGHTING

- Replace your incandescent light bulbs with Compact Fluorescent Lamps (CFL), they last six times longer and use 80% less electricity;
- CFLs are available in a variety of shapes and sizes and can blend in easily with the décor of any room;
- Use candlelight globes in rooms and lounges, they use less energy and provide an attractive low lighting aesthetic to a room;

- Use automated lighting motion sensors and timer controls to reduce lighting costs by up to 45%;
- Convert to the key tag system, which is attached to a key ring and inserted into the room door slot to turn on the electricity inside the room. When the key is removed to lock the door, the electricity supply to the room is cut off, automatically switching off the room lights;
- Encourage staff and guests to switch off the lights in unoccupied rooms.

BATHROOM

- Change your showerheads to high efficient ones to lower your water usage by 30% and substantially cut water bills too. Also install aerated shower head since it uses less water;
- Encourage your guests to use a shower instead of a bath since it uses less water than a bath. Using less hot water means less work for the geyser; Geyser guzzles 39% of your monthly energy usage. Switch it off to reduce your energy demand.
- Do not forget to insulate the geyser and water pipes, turn down the geyser to 60° C and insulate with geyser blankets to save energy.

APPLIANCES

- Encourage your guests to switch off all electrical appliances when not in use, remember stand-by mode still uses up to 50% of their operating power, rather switch them off at the power button;
- Provide information that will remind your guests to unplug their cell phone charger after their phone has been charged otherwise it will continue to draw power;