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**The Building Manual contains suggestions regarding Energy Saving Measures. As the Manual is normally only consulted when construction work or painting etc is contemplated, the Trustee Committee has decided to extract these suggestions for the general information of Members.**

Energy can be saved by implementing the following measures:

- **Efficient Lighting:** Introduce LED lamps. Limit the number of lights on a single switch.
- **Hot water cylinder (HWC):** Install a geyser blanket and insulate at least the first 1,5m of hot water outlet pipes. Turn down the thermostat to 50 – 60 degrees C. To reduce hot water consumption one can make use of water conserving showerheads, self-closing hot water taps or mixing valves and flow restrictors and aerators in sink taps.
- **Building Design:** Install blinds, shade hangovers, etc. to reduce fenestration penetration of sunlight through windows in the summer and increase fenestration penetration in the winter to heat the room. An optimization between sunlight and electrical light has to be made to get the best overall electricity consumption.
- **Efficient Appliances and Efficient Use:**
  - **Electric stove:** Use a pressure cooker when preparing foods that take a long time to cook. Buy a stove with a convection oven.
  - **Heaters:** Infrared heaters are more efficient. An oil filled heater is the safest type of heater.
  - **Small appliances:** Use toasters, electric grills and skillets, slow cookers, electric pots and bottle warmers which usually require less energy than the stove.
  - **Tumble dryers:** Install those with an electronic humidity control that are the most efficient. Use correct temperature settings to minimize the amount of electricity used.
  - **Ironing:** Use a thermostatically controlled iron. Iron low temperature fabrics first to reduce warm-up time. Turn the iron off when you are not using it. Switch the iron off once it has reached the correct temperature and complete the ironing on stored energy.
  - **Kettle:** Use an electric kettle to boil water, not a saucepan or microwave oven. Don't fill the kettle – boil only enough water according to your need.

**Gary Bernhardt**

**Estate Manager: Brandwacht on River Home Owners' Association**

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